

FIG. 1

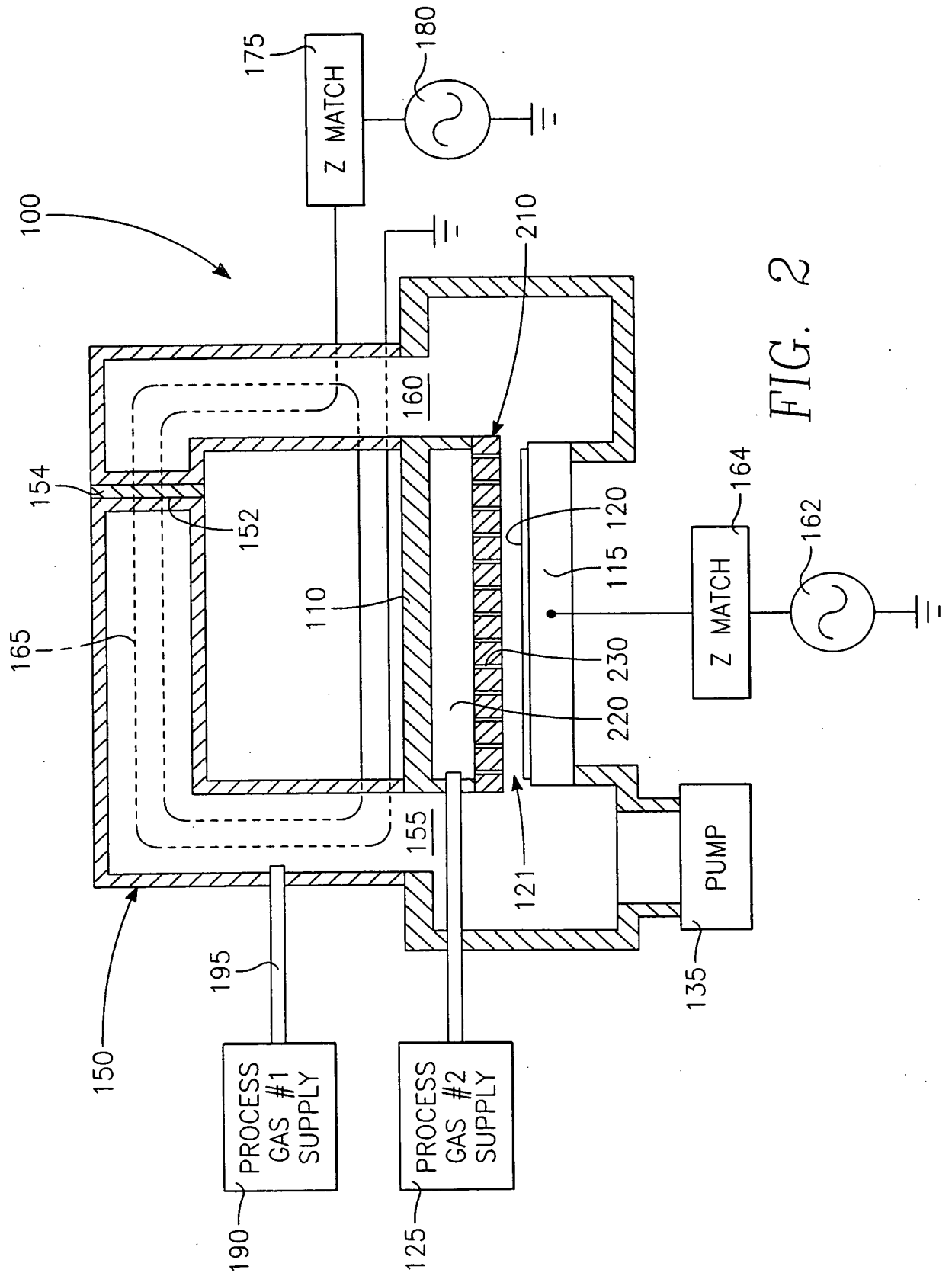


FIG. 2

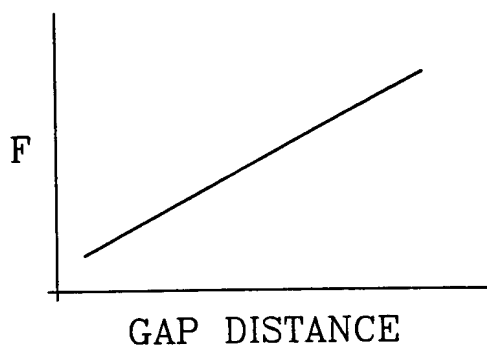


FIG. 3

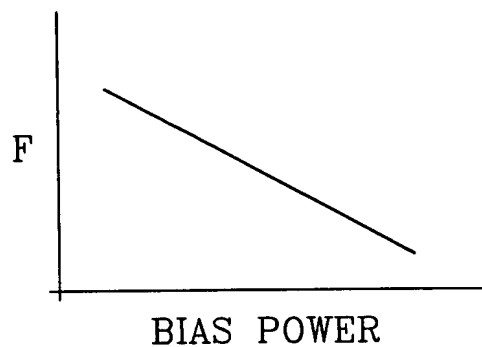


FIG. 4

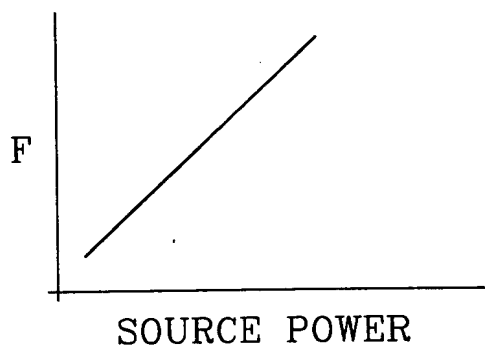


FIG. 5

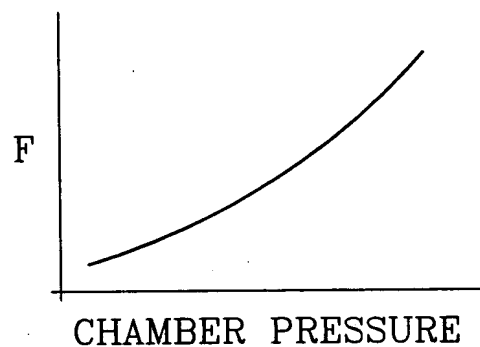


FIG. 6

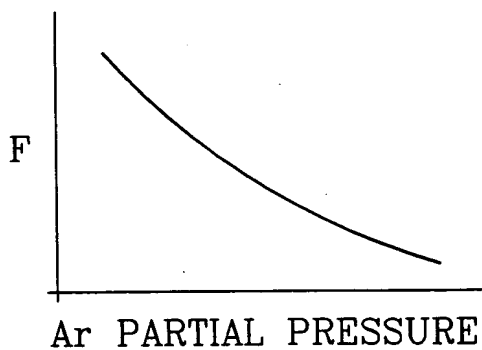


FIG. 7

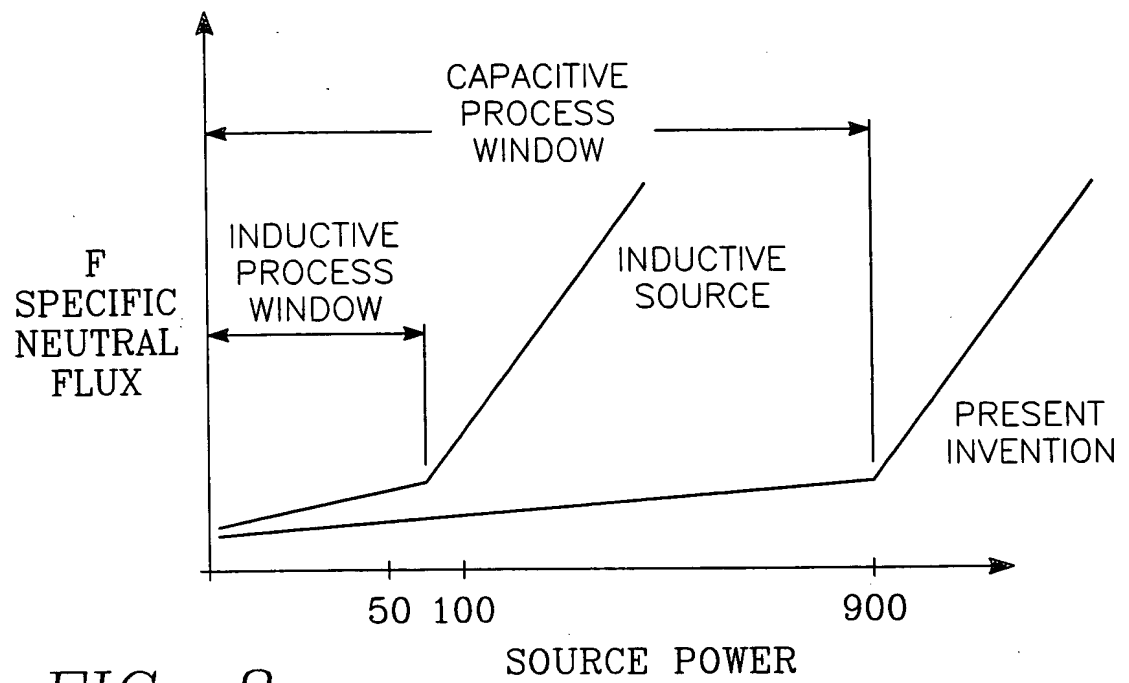


FIG. 8

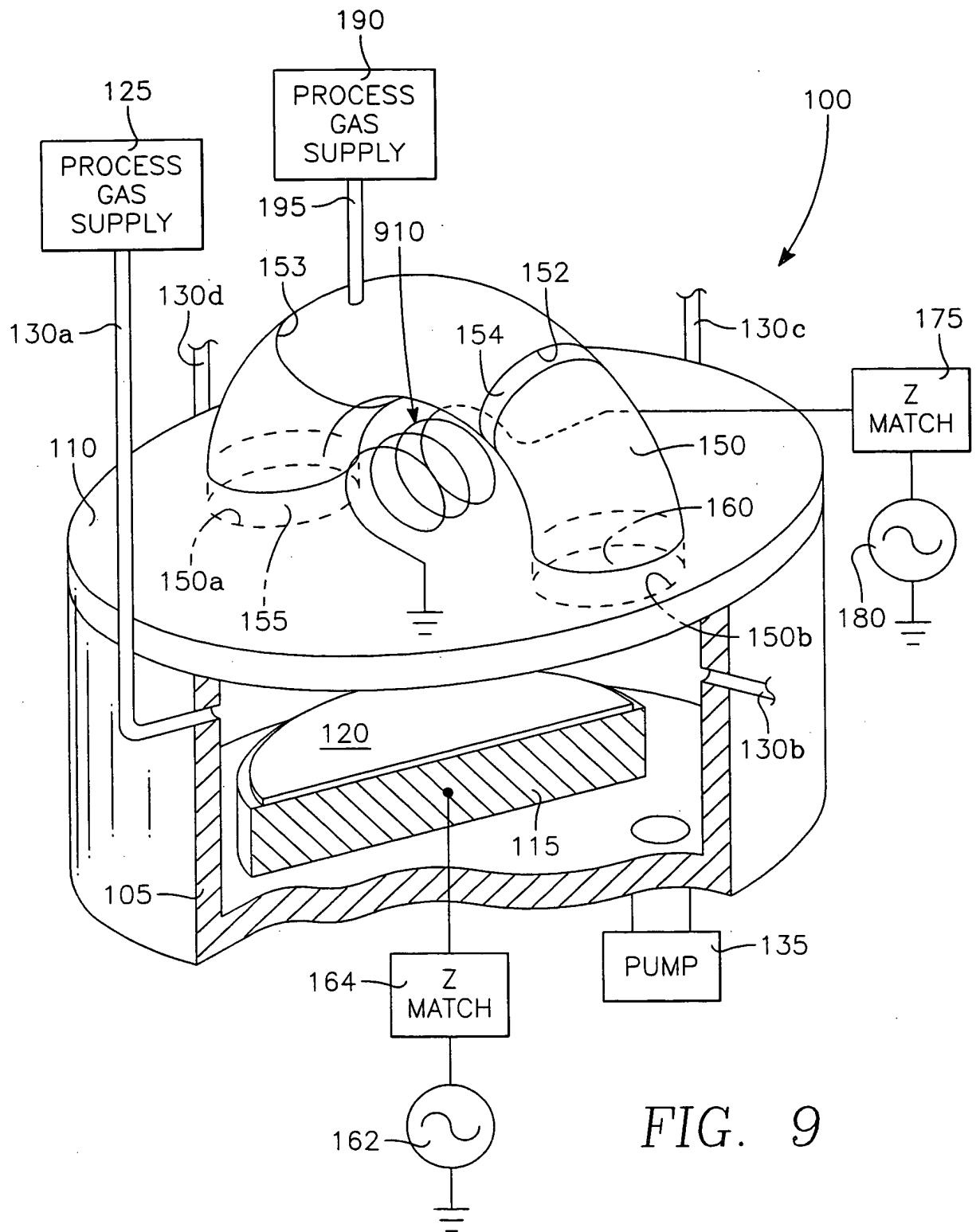


FIG. 9

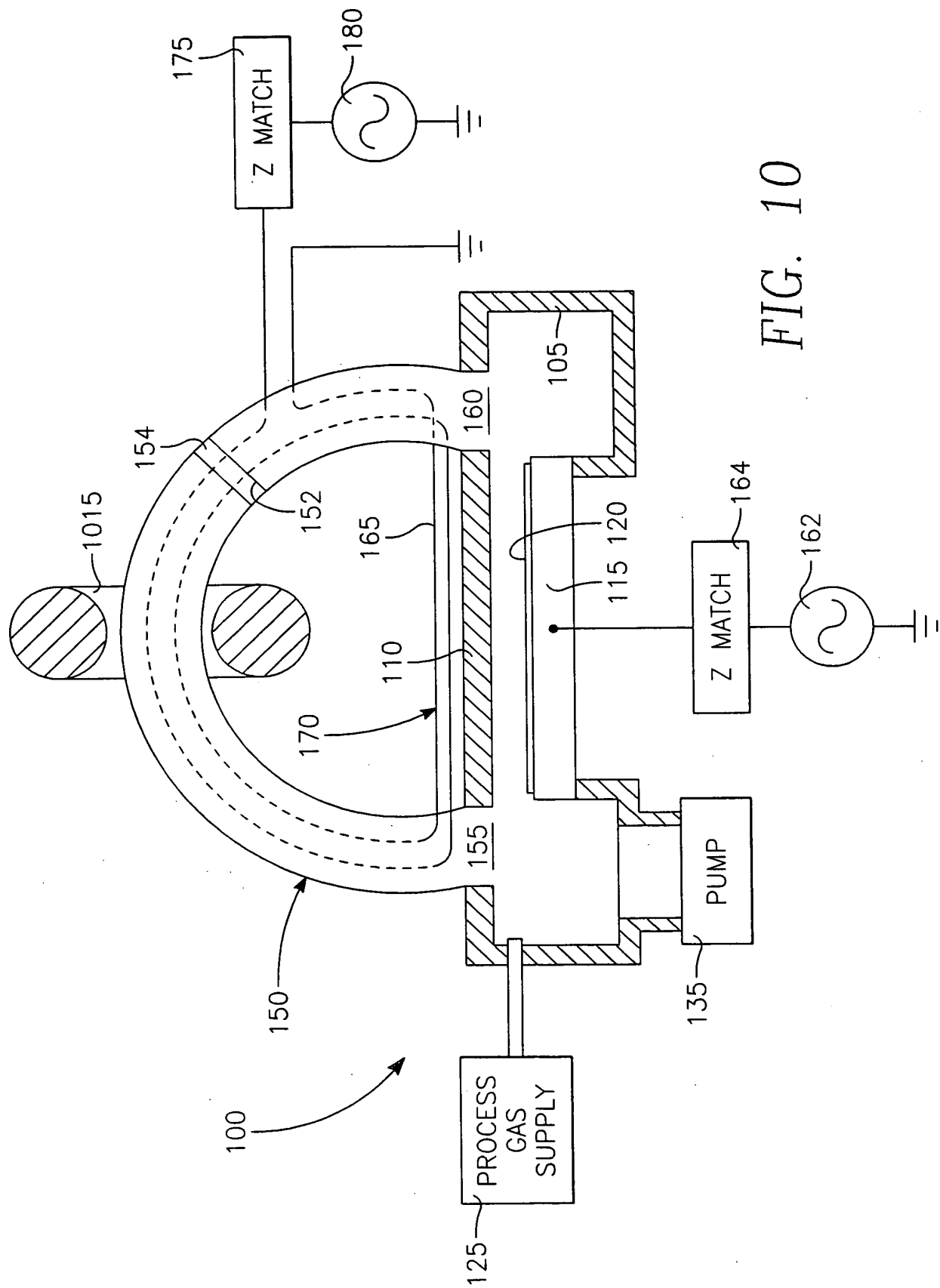


FIG. 10

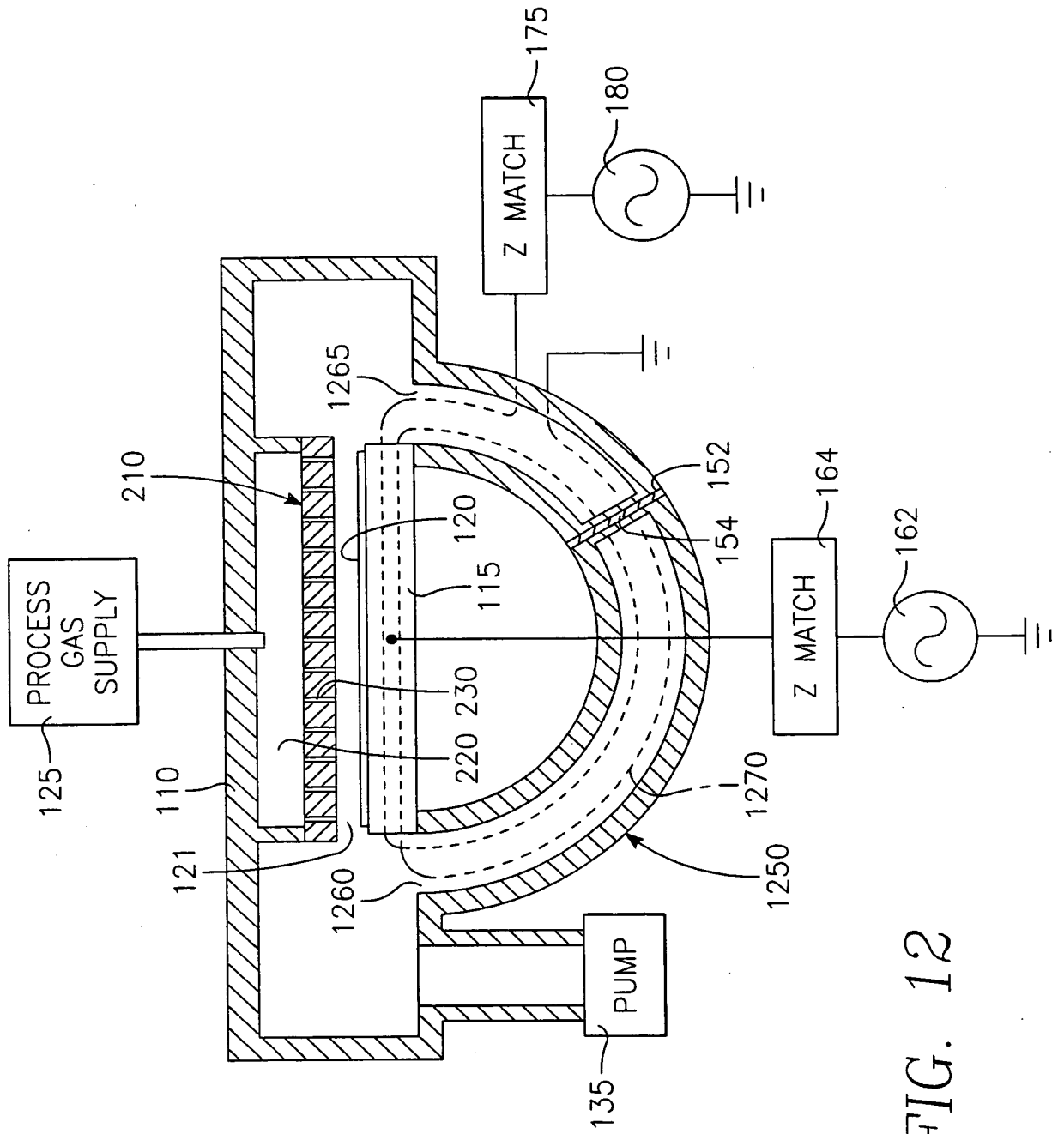


FIG. 12

9/85

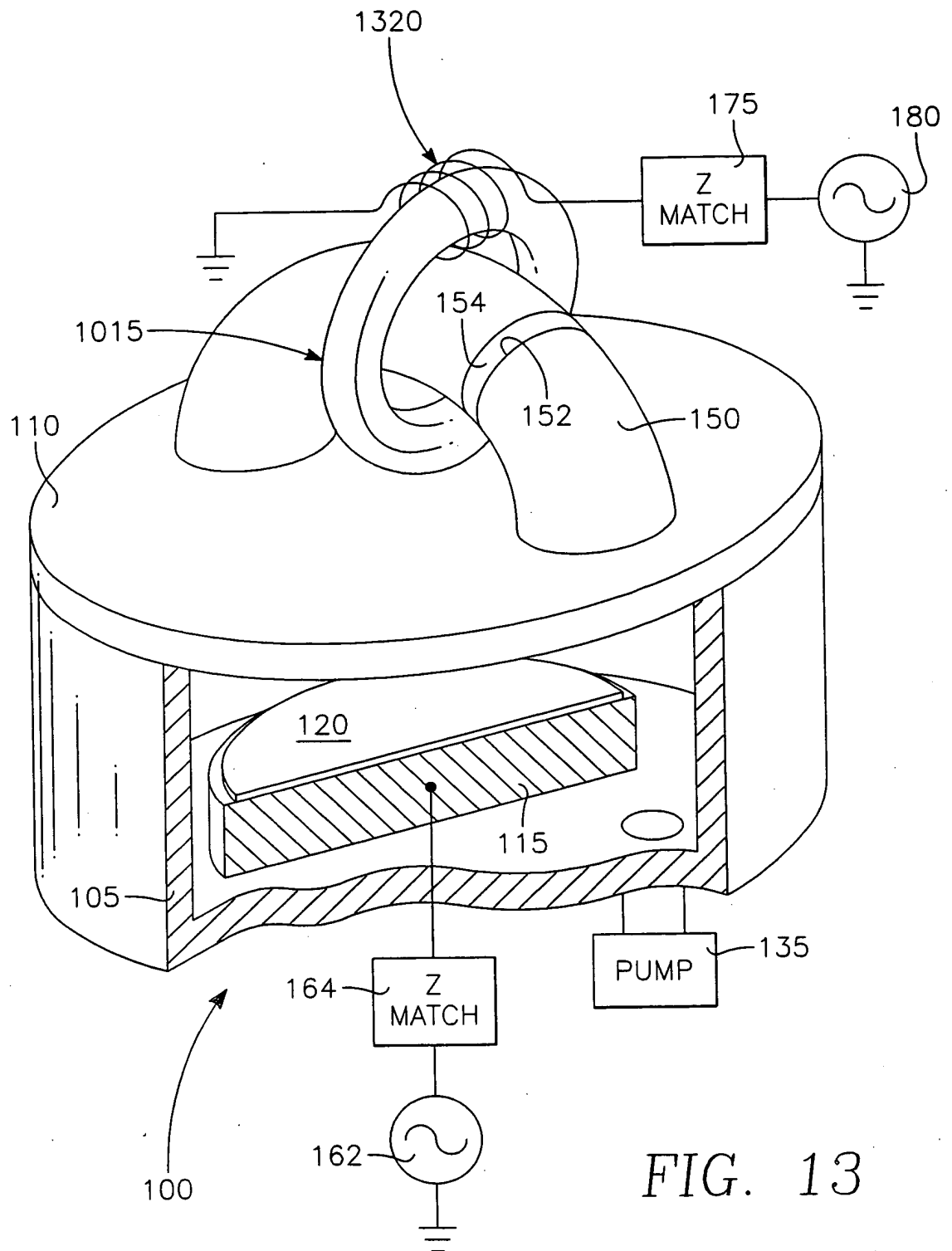


FIG. 13

10/85

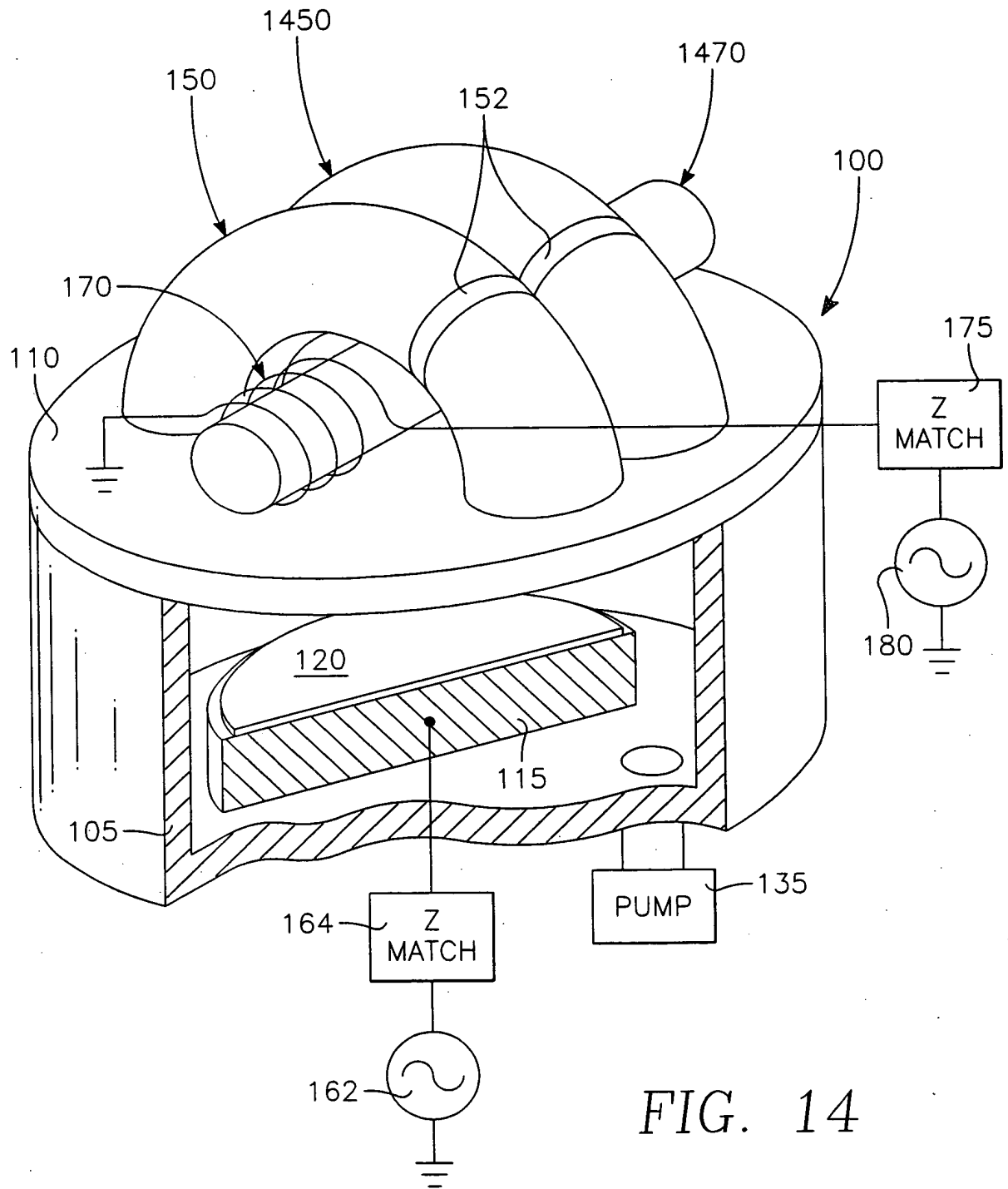


FIG. 14

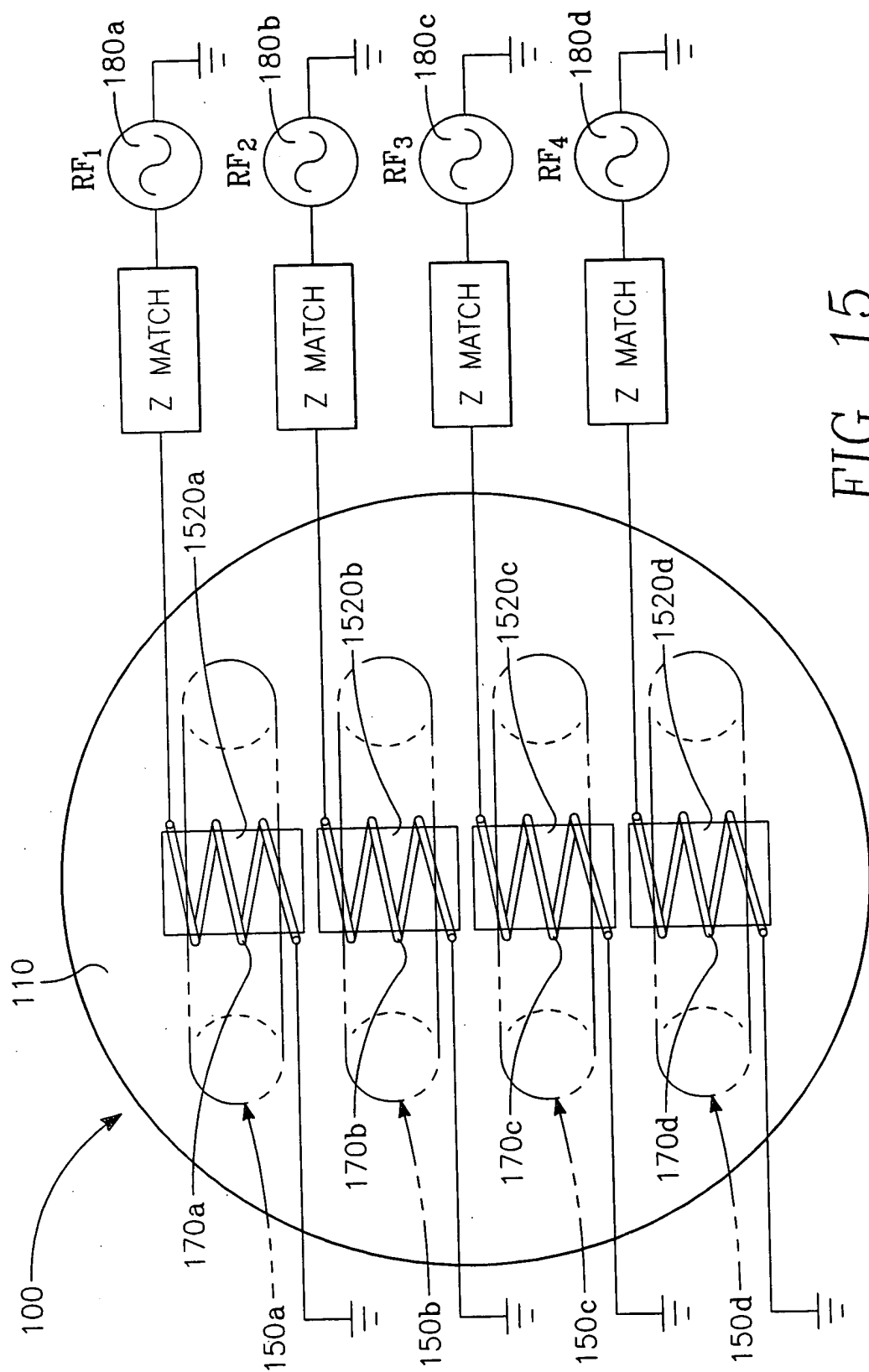


FIG. 15

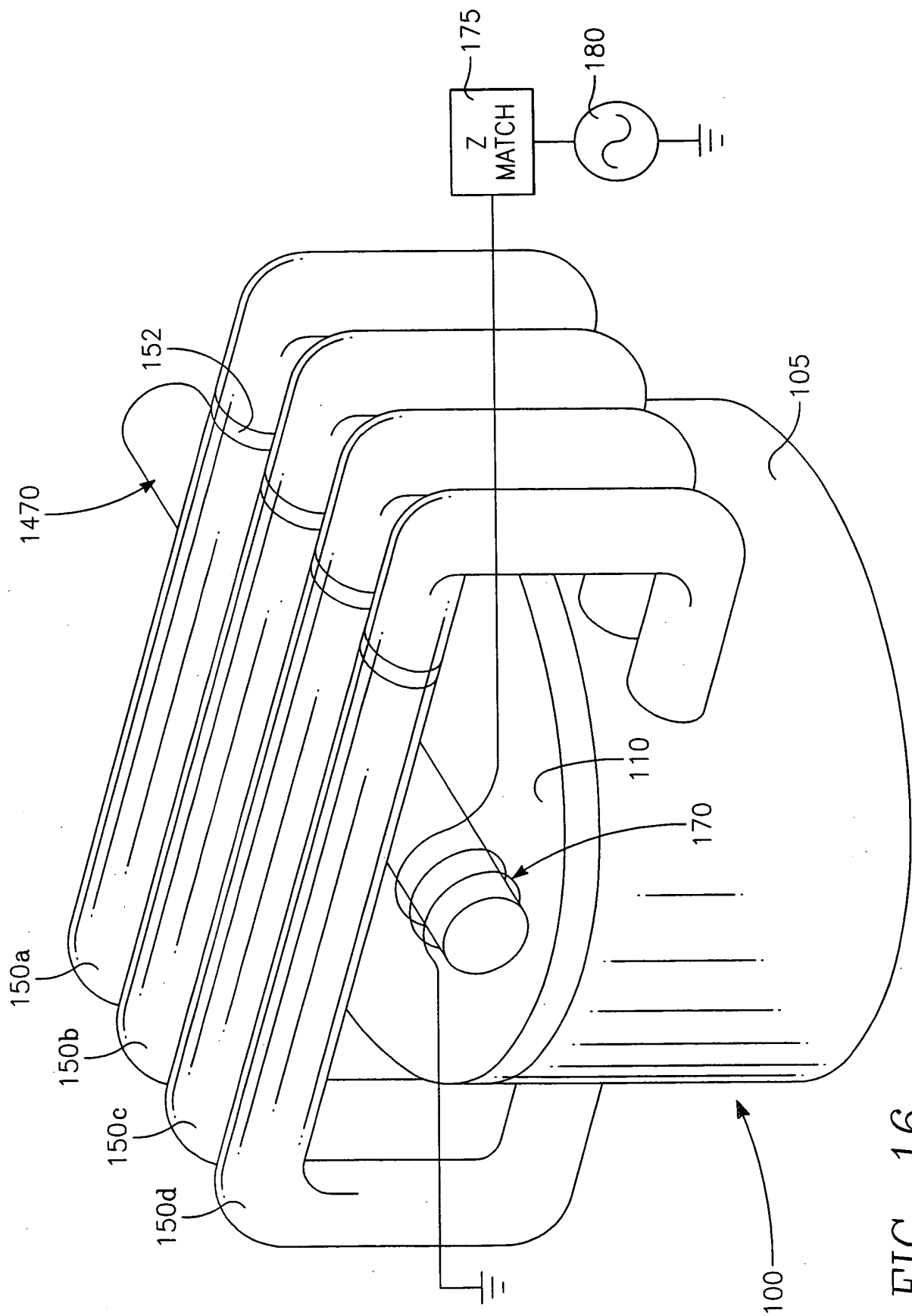


FIG. 16

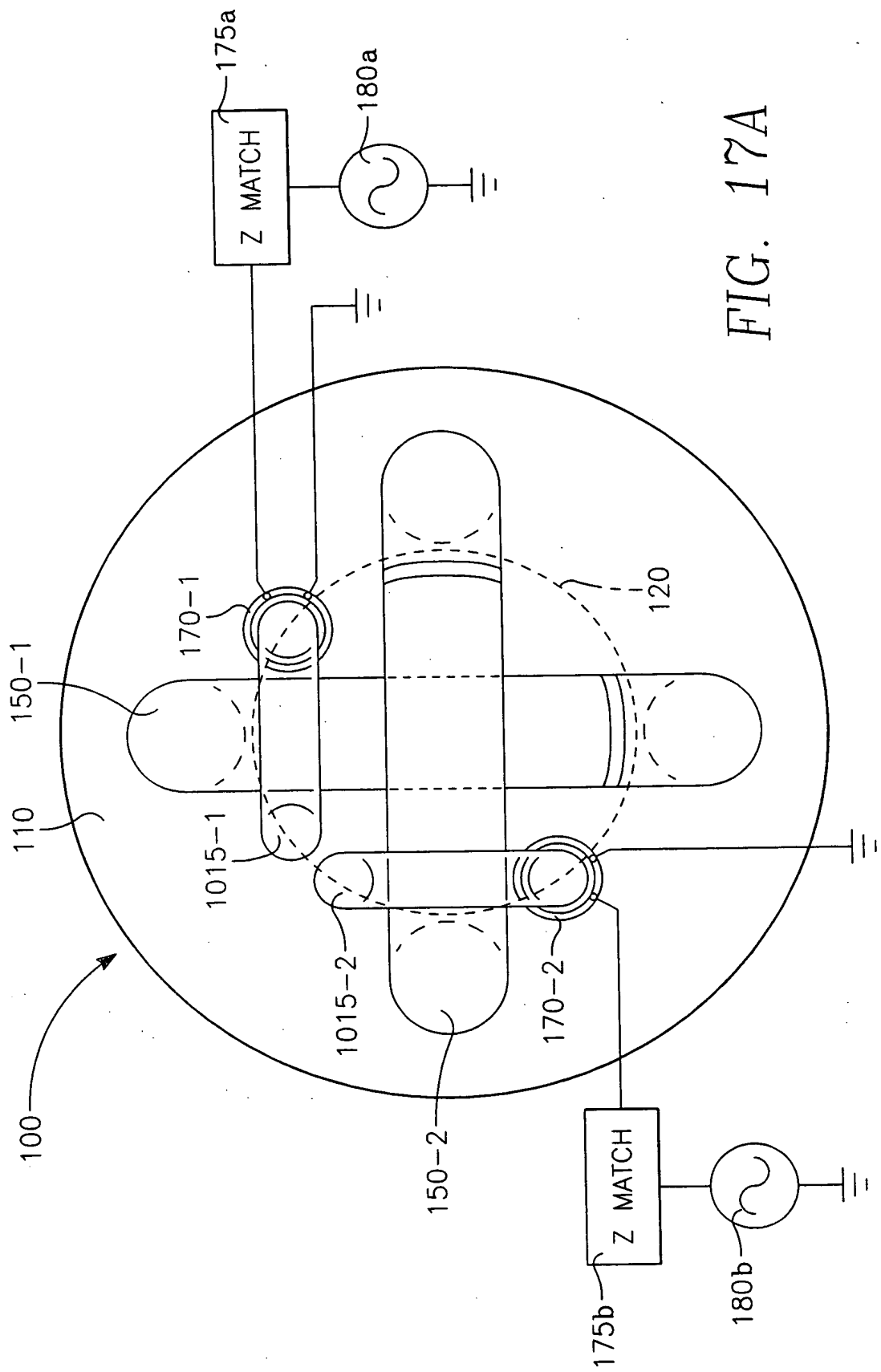


FIG. 17A

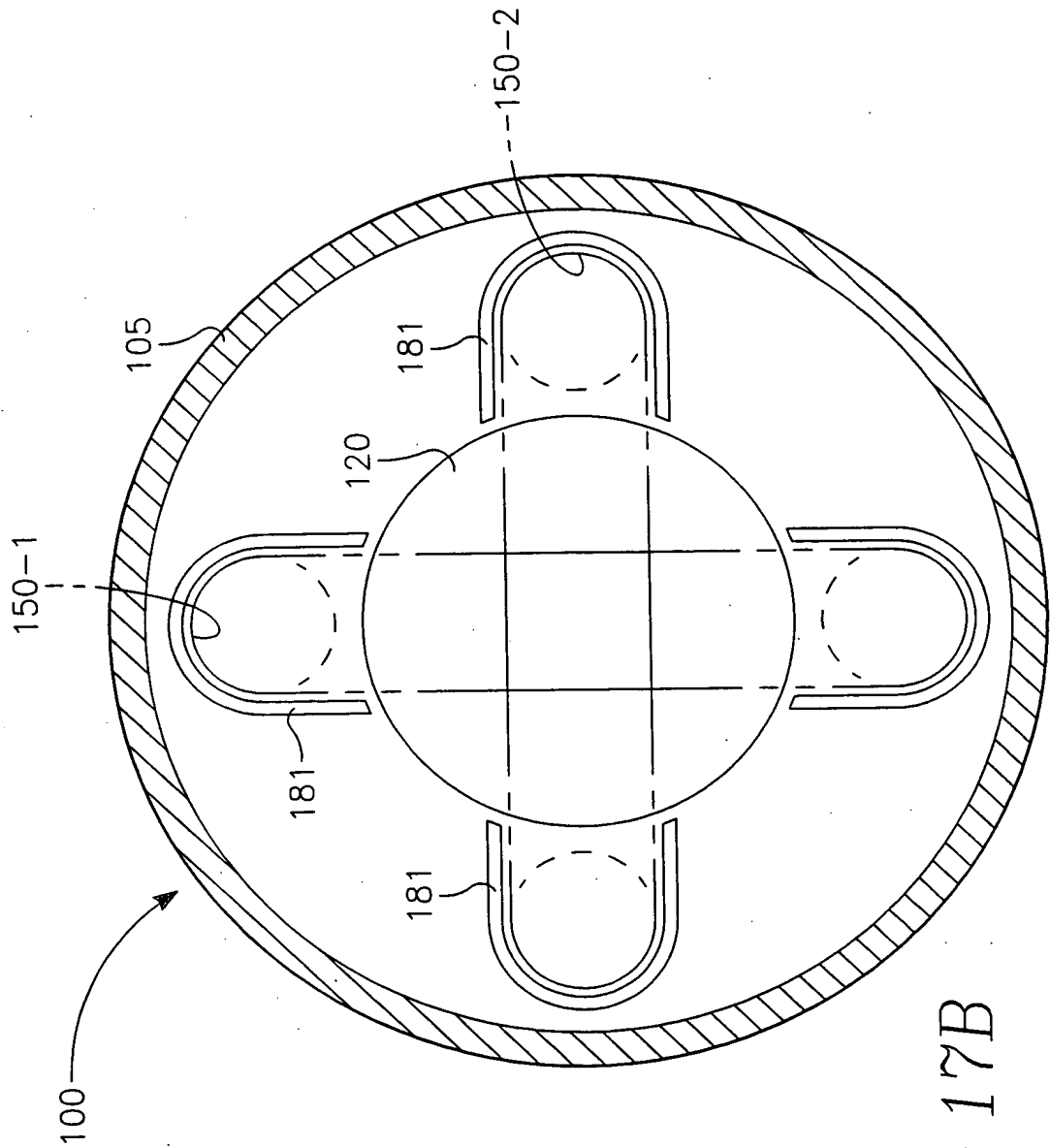


FIG. 17B

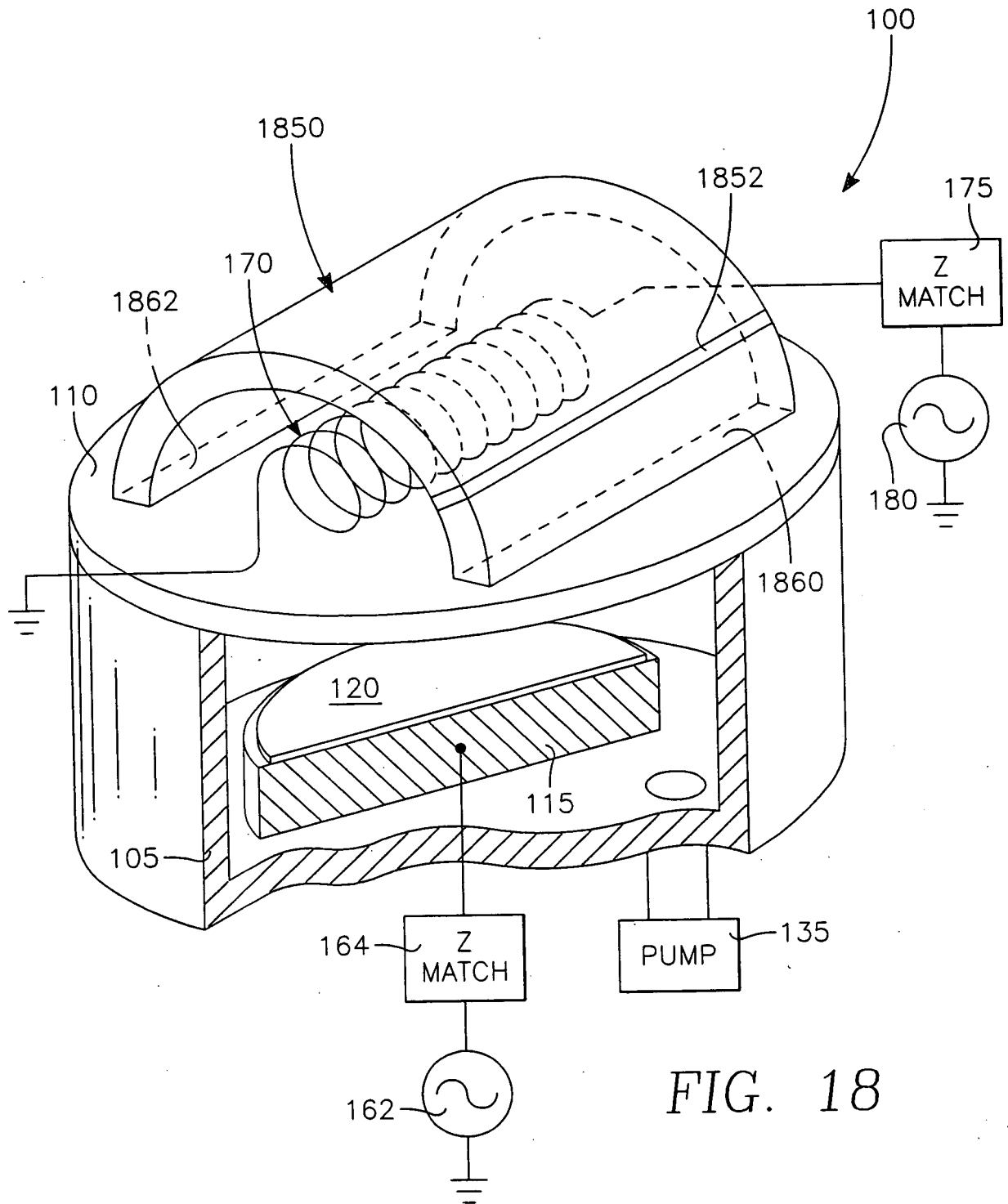
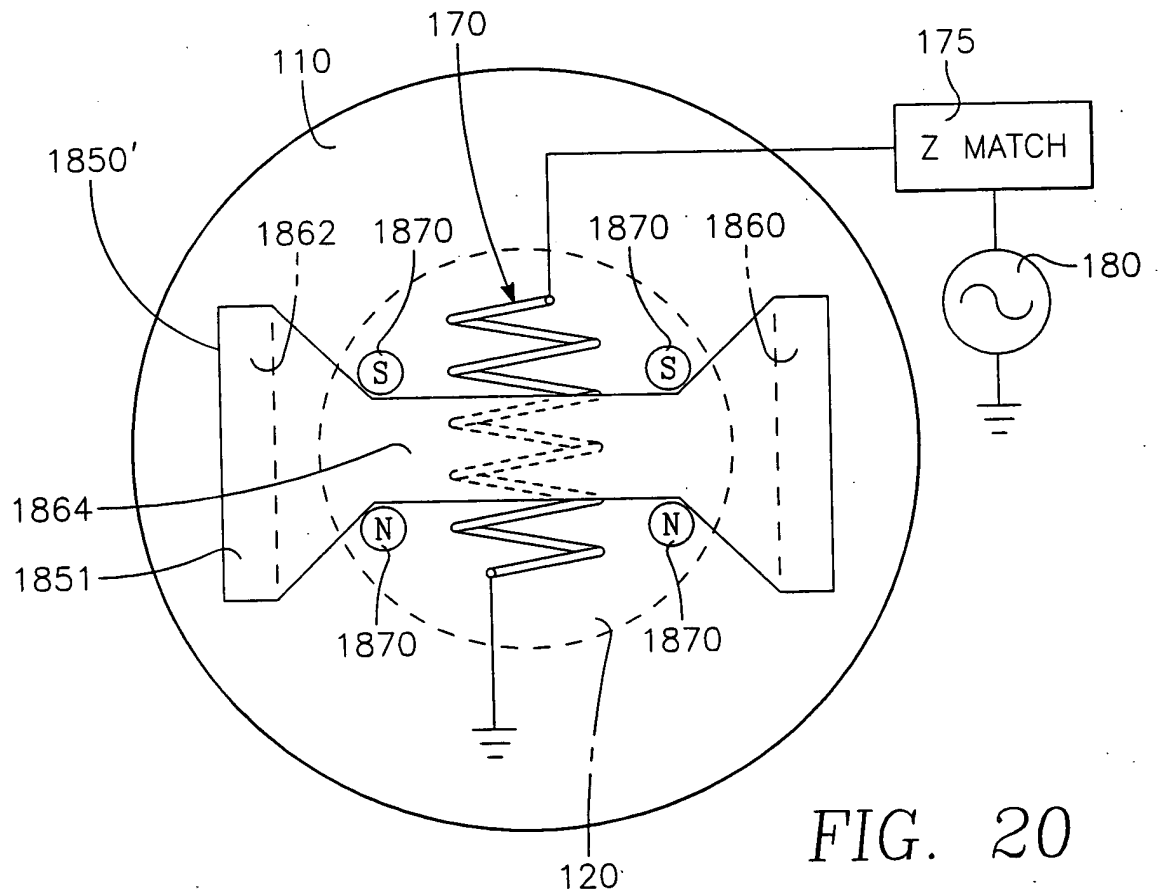
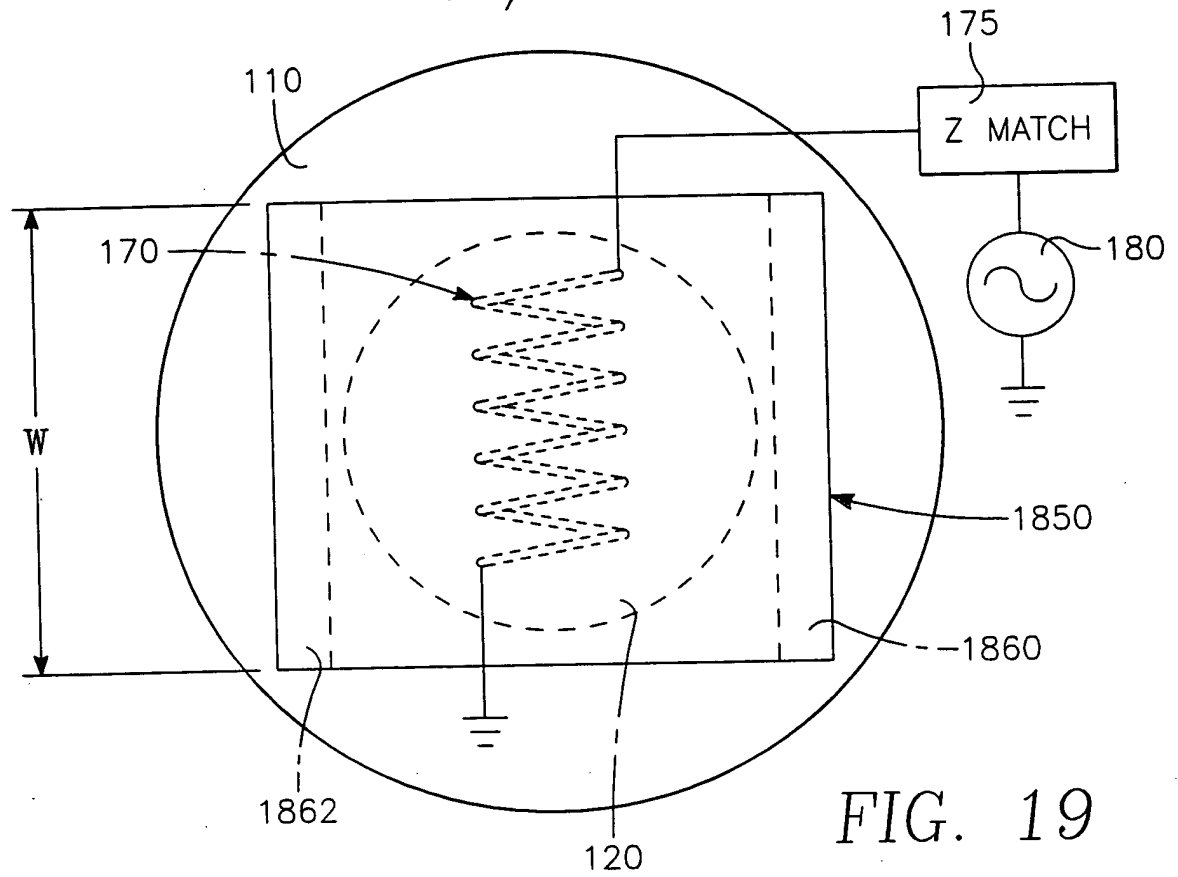
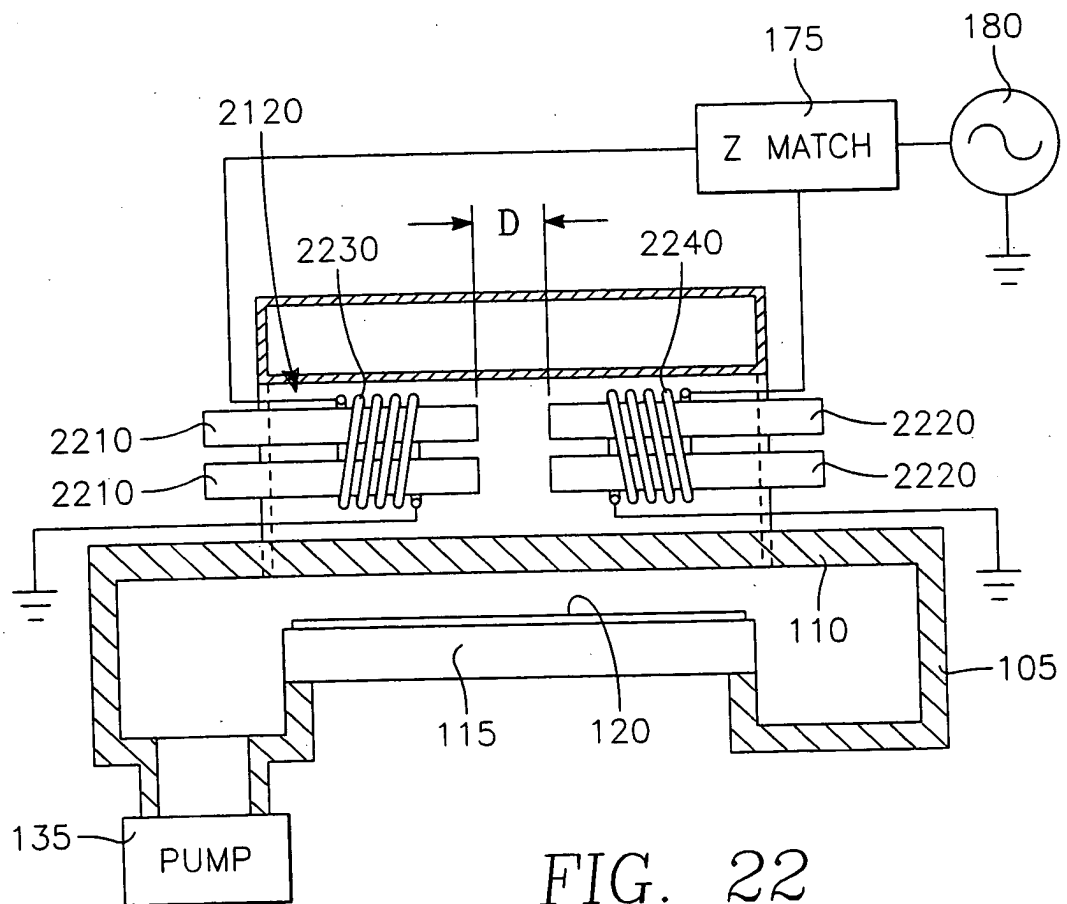
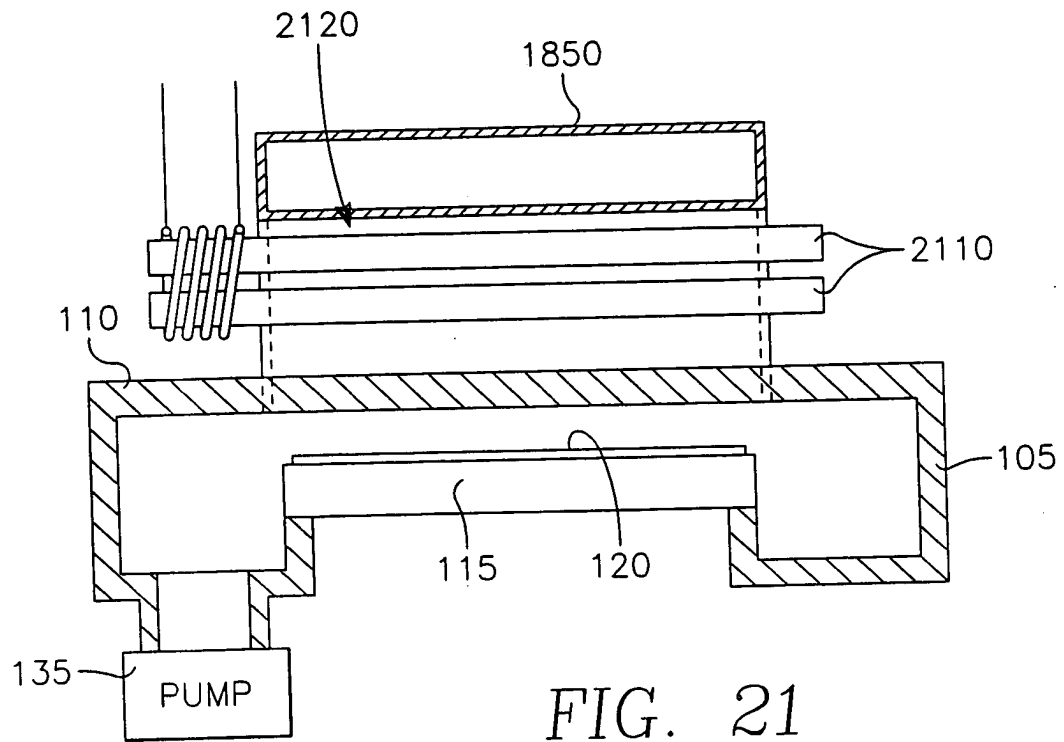


FIG. 18

16/85



17/85



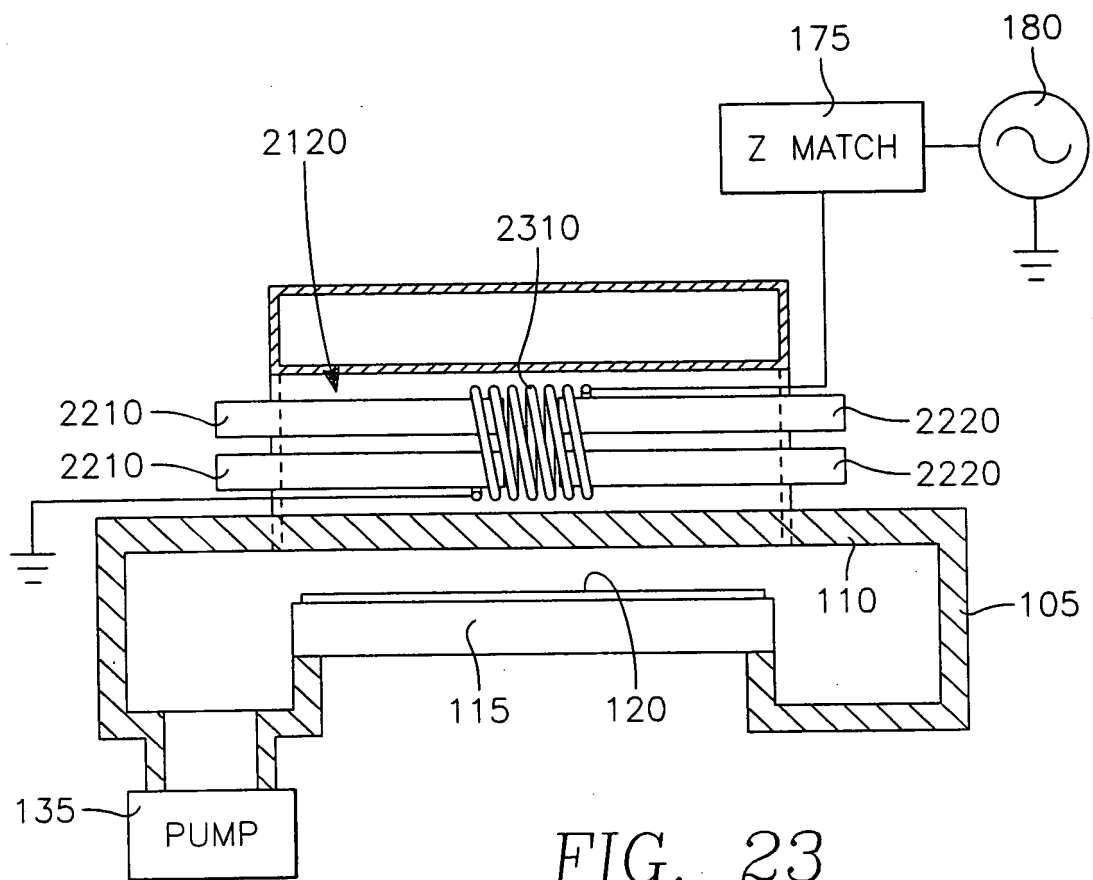
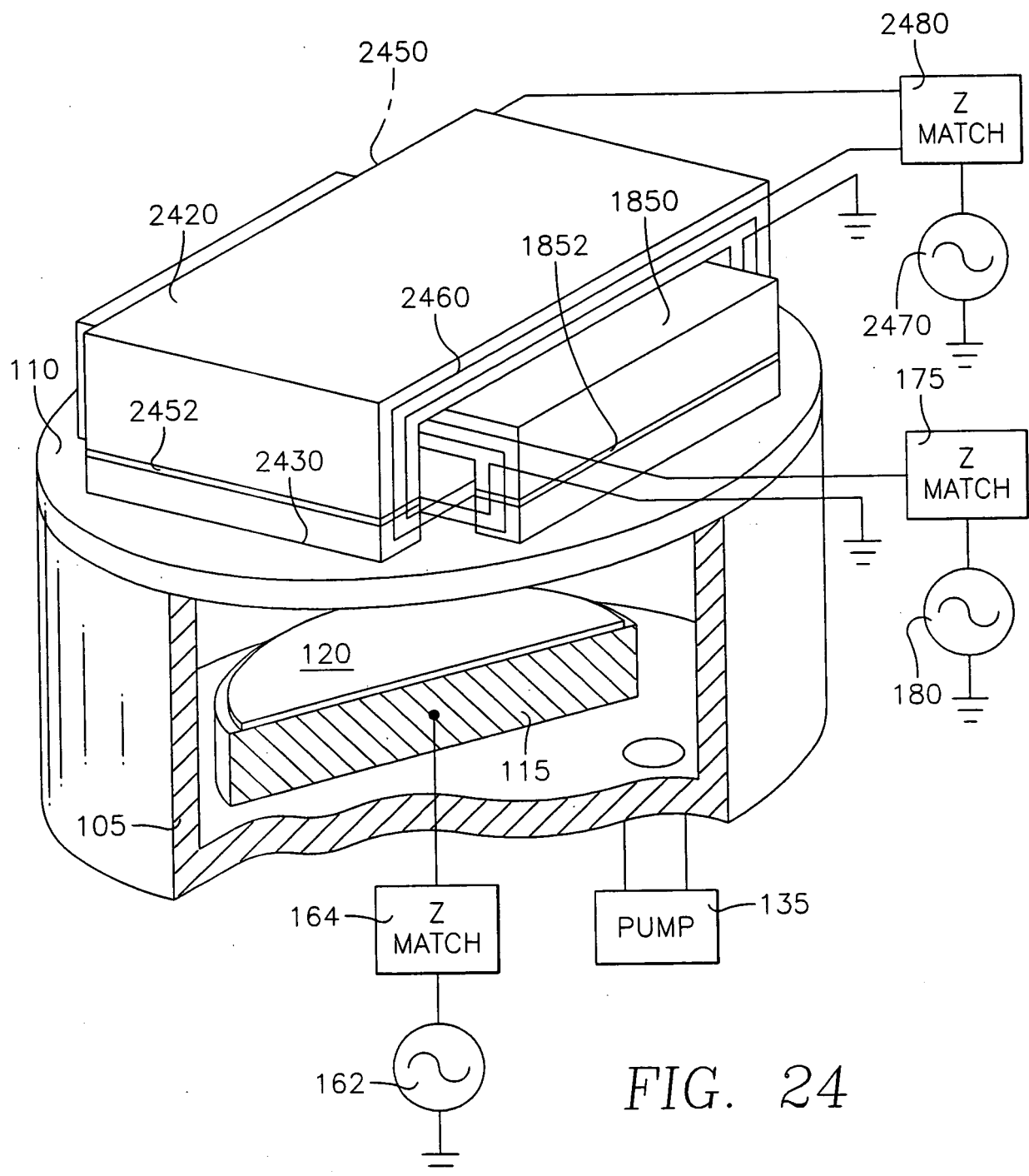


FIG. 23



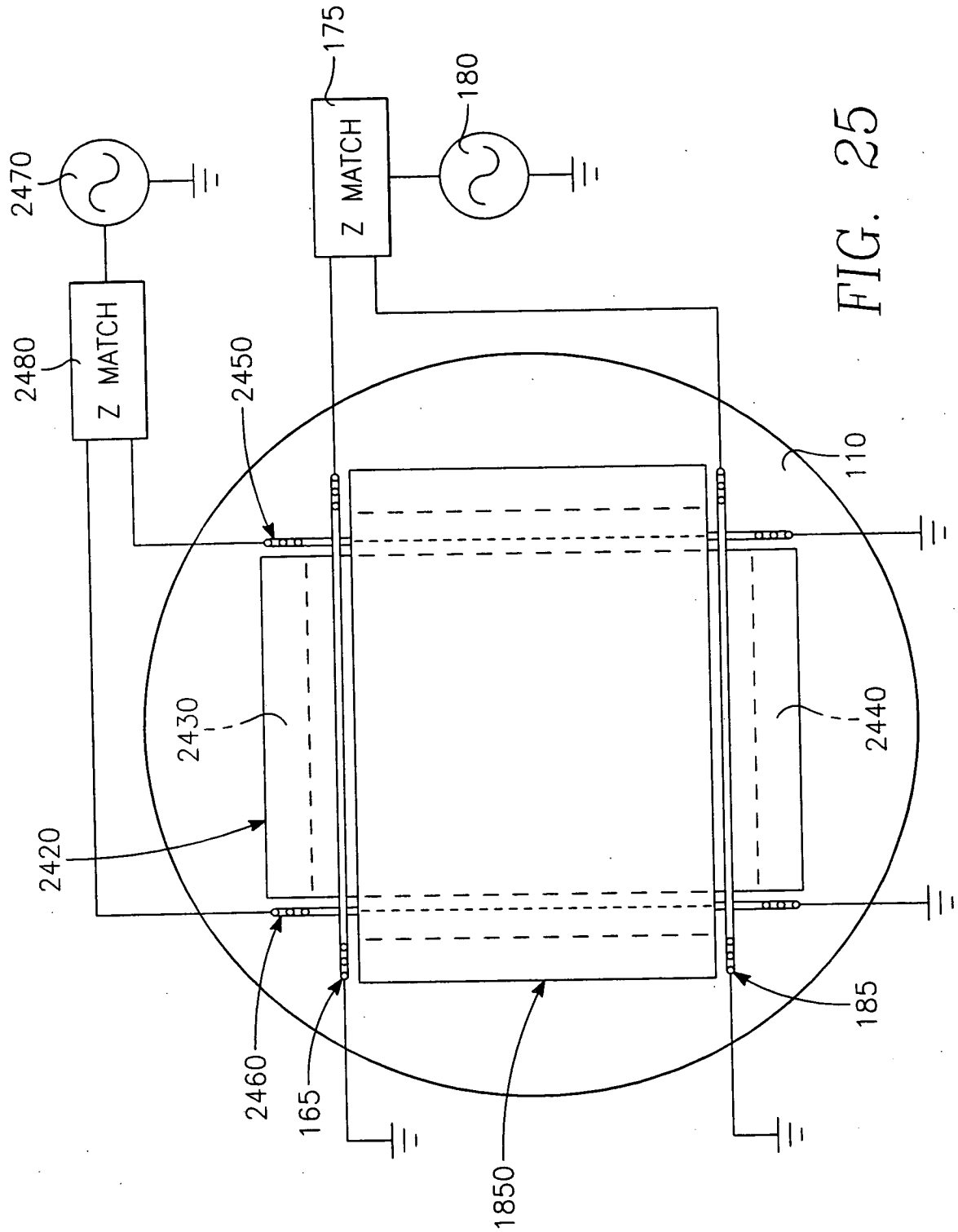


FIG. 25

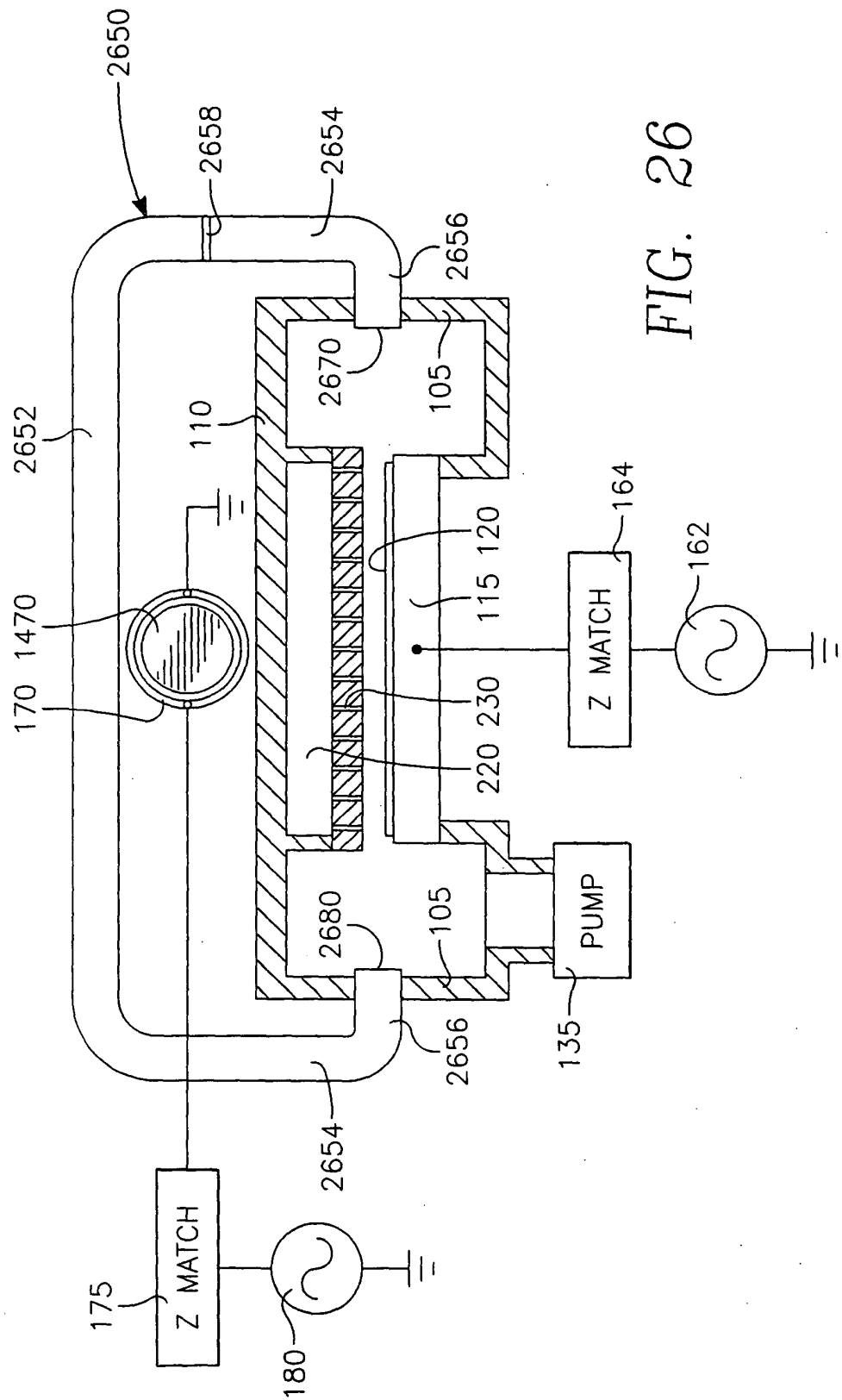


FIG. 26

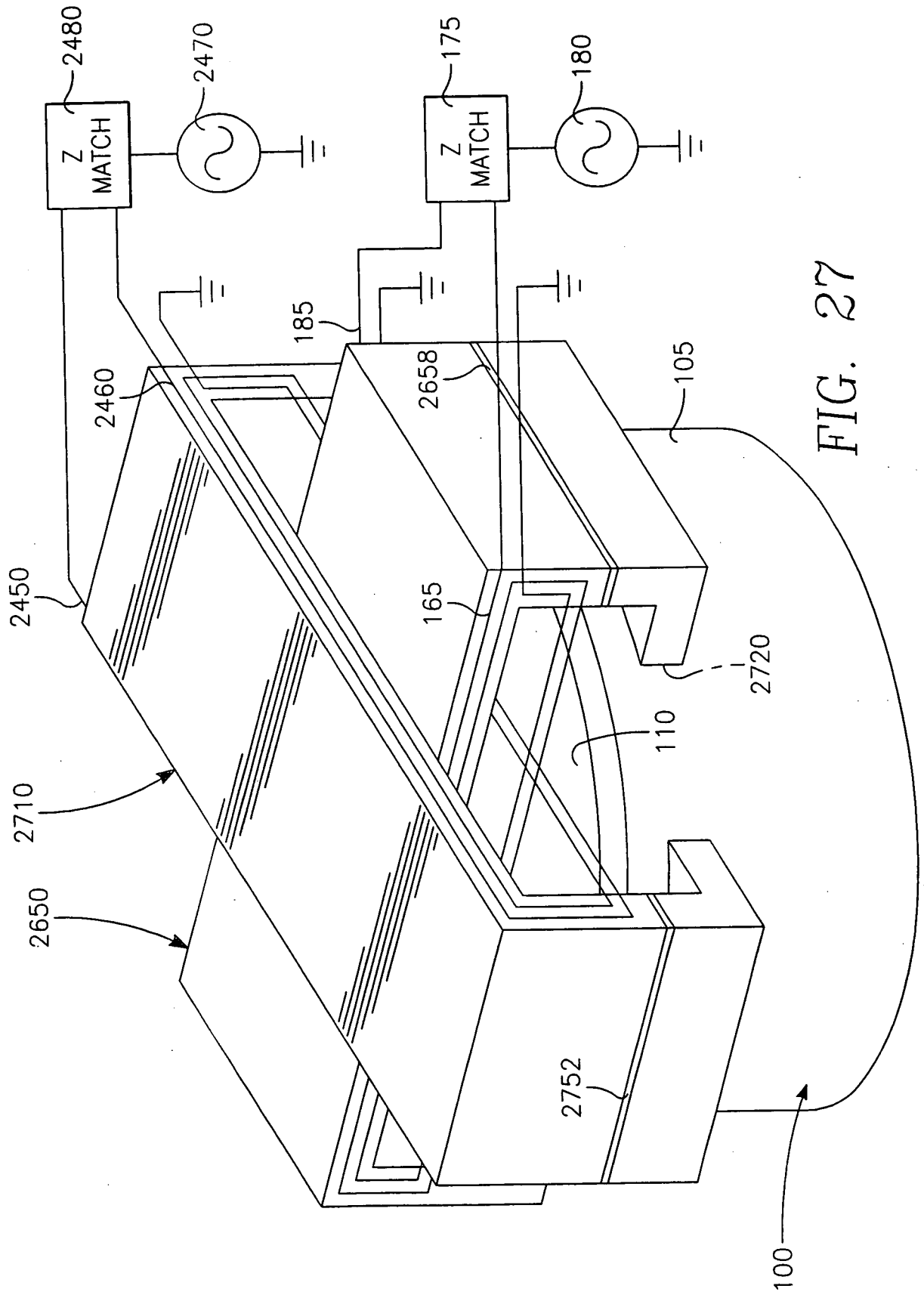


FIG. 27

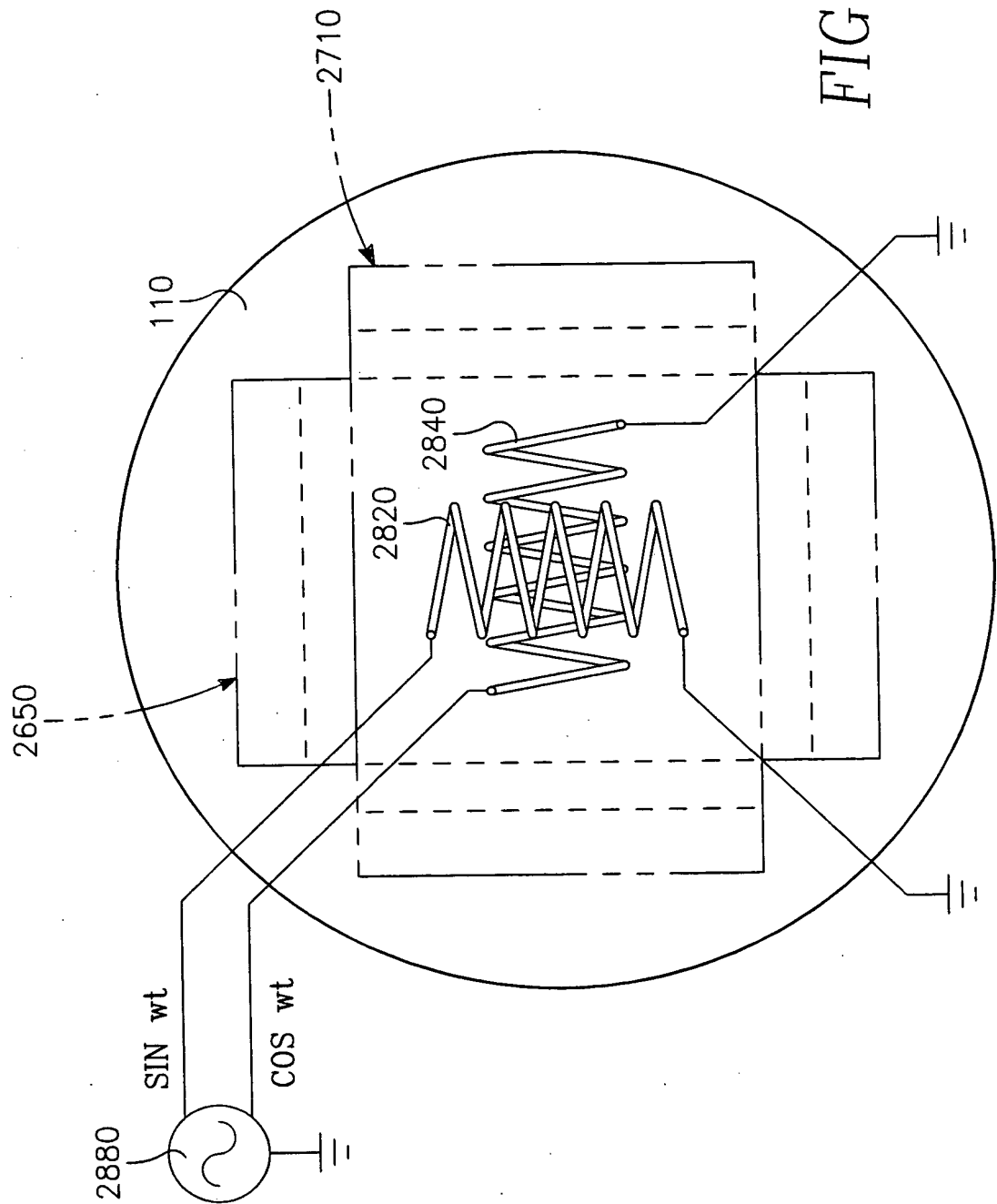


FIG. 28A

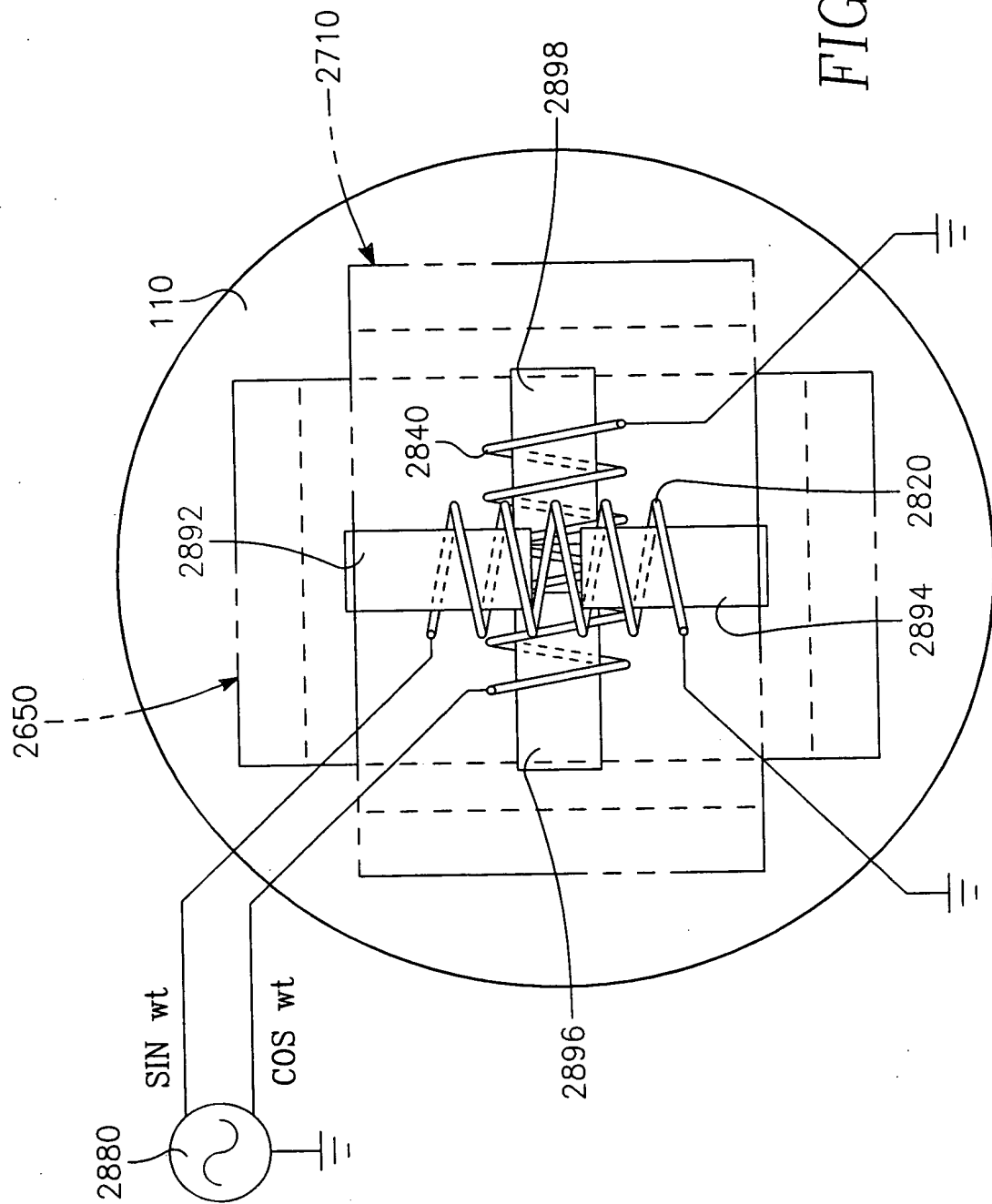
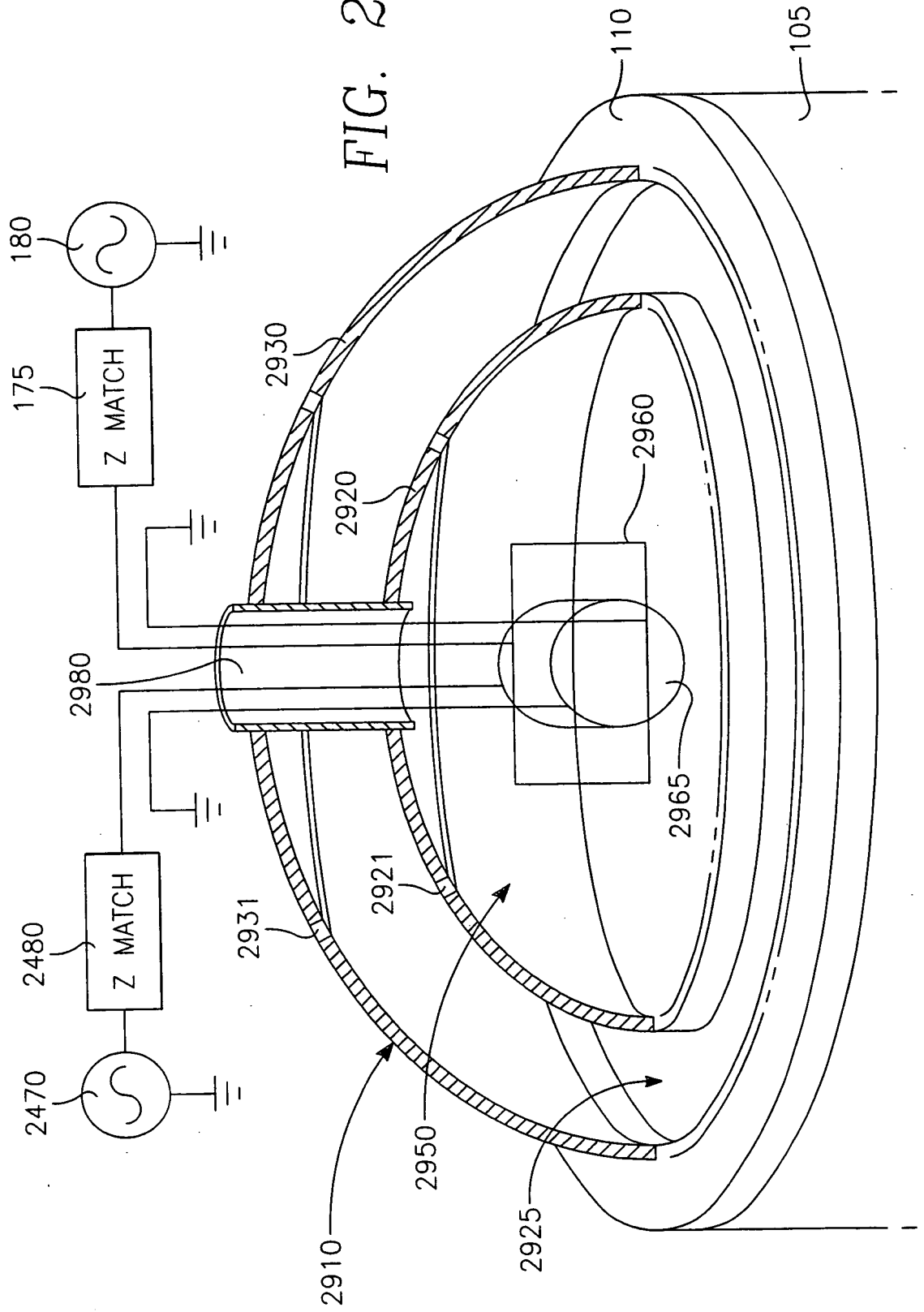


FIG. 28B

FIG. 29



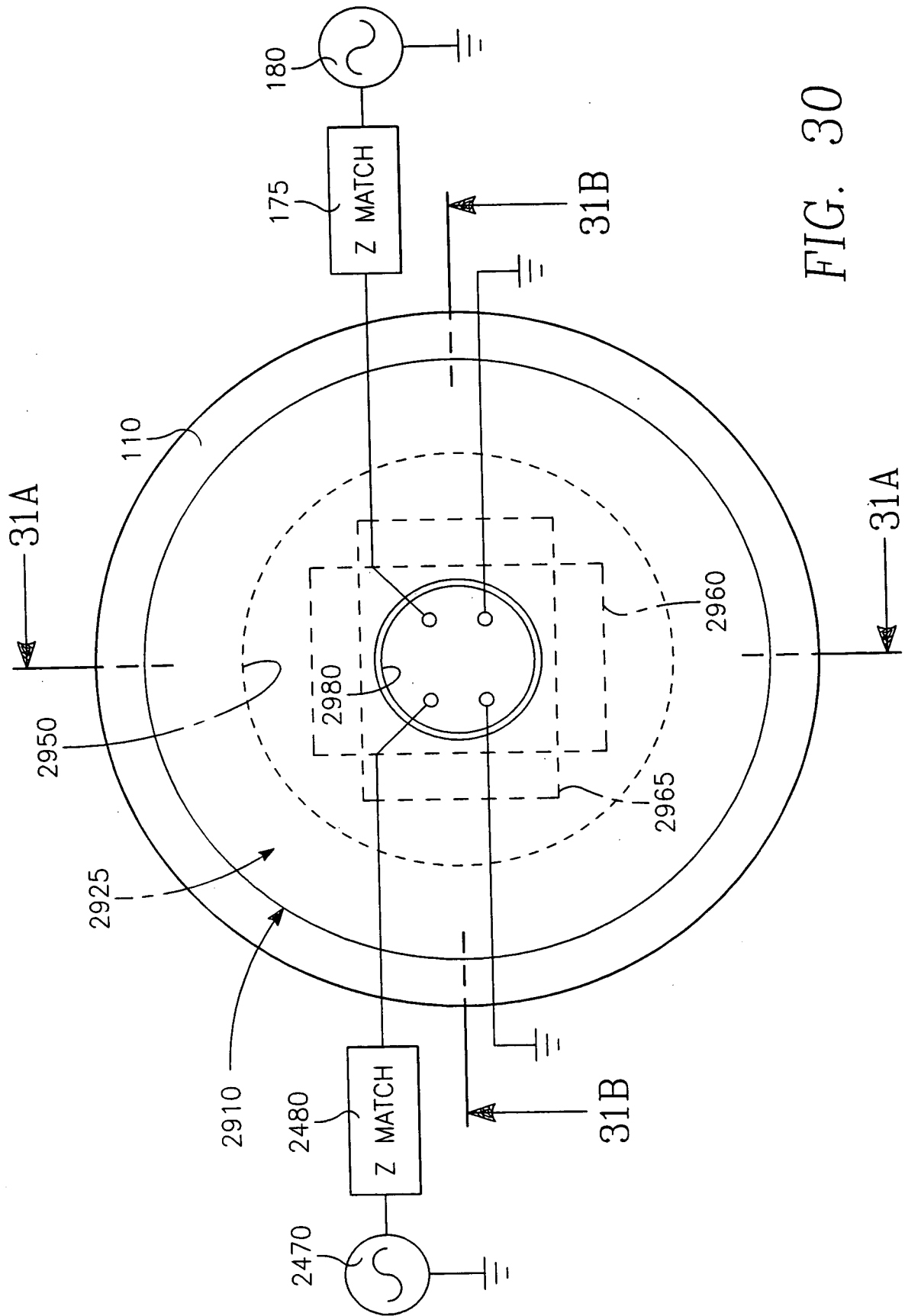


FIG. 30

27/85

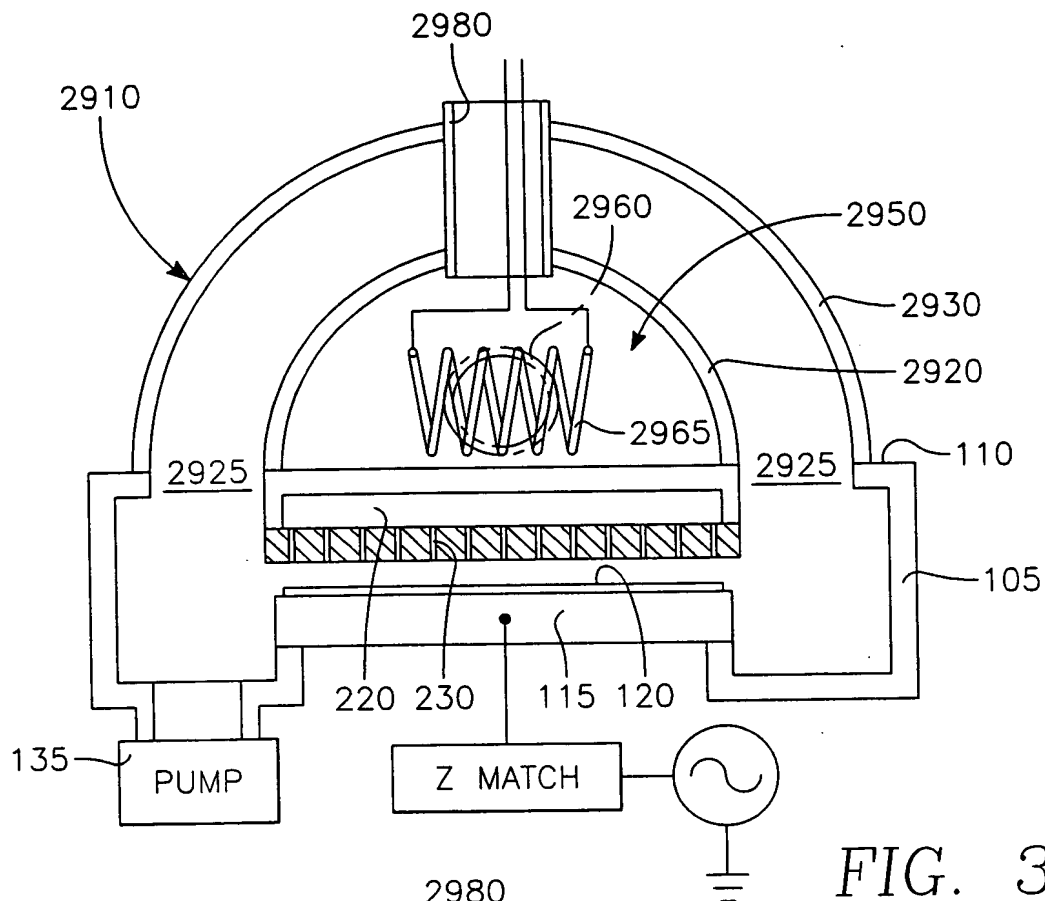


FIG. 31A

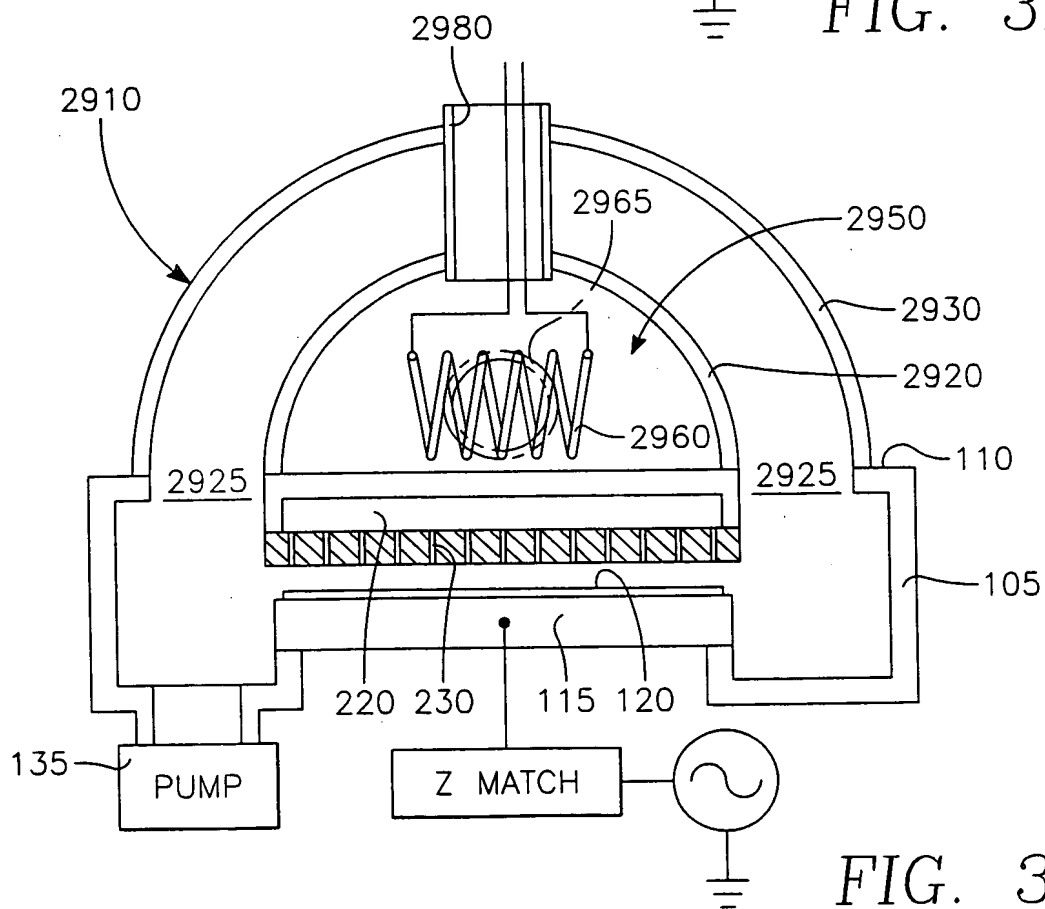


FIG. 31B

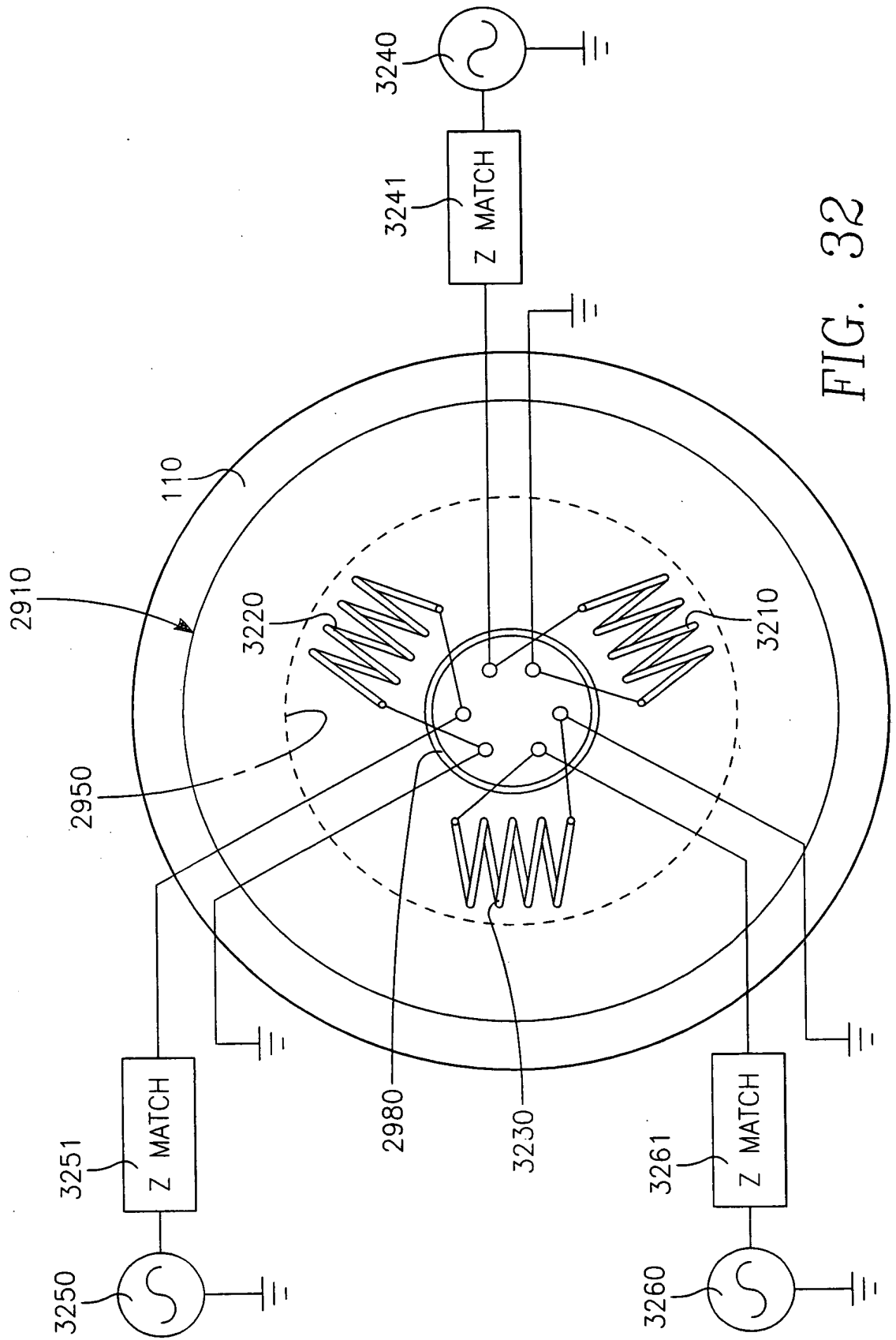


FIG. 32

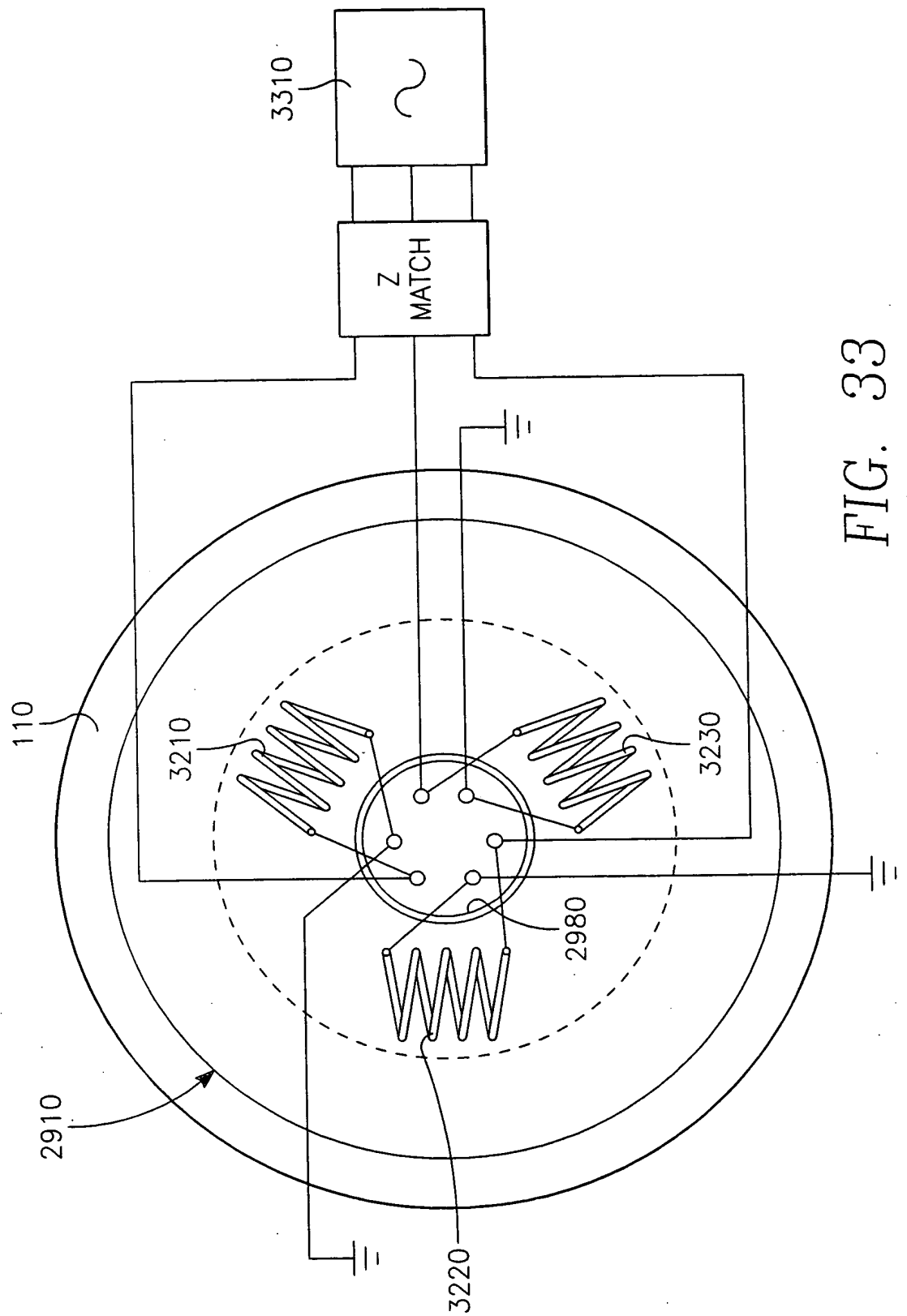
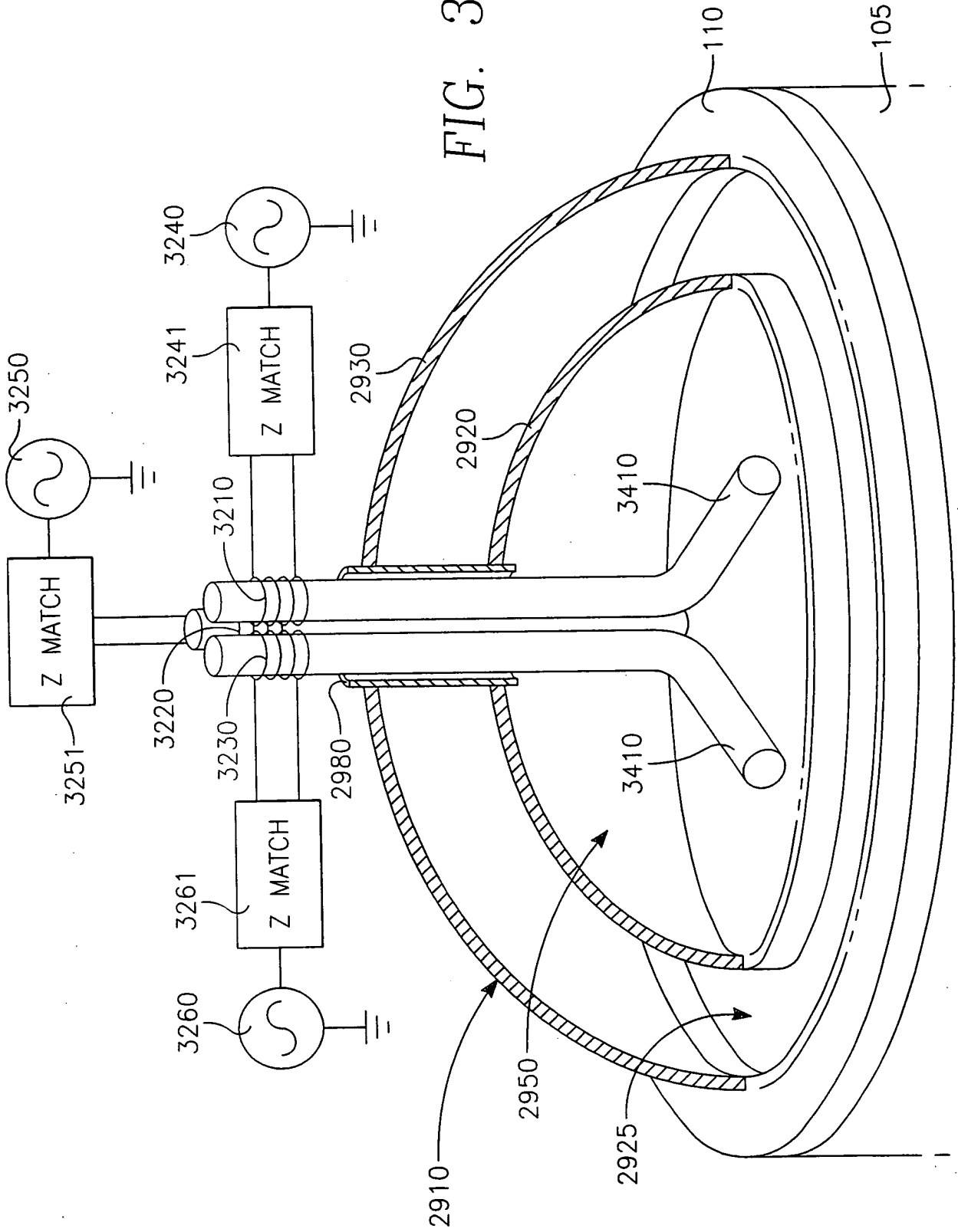


FIG. 33

FIG. 34



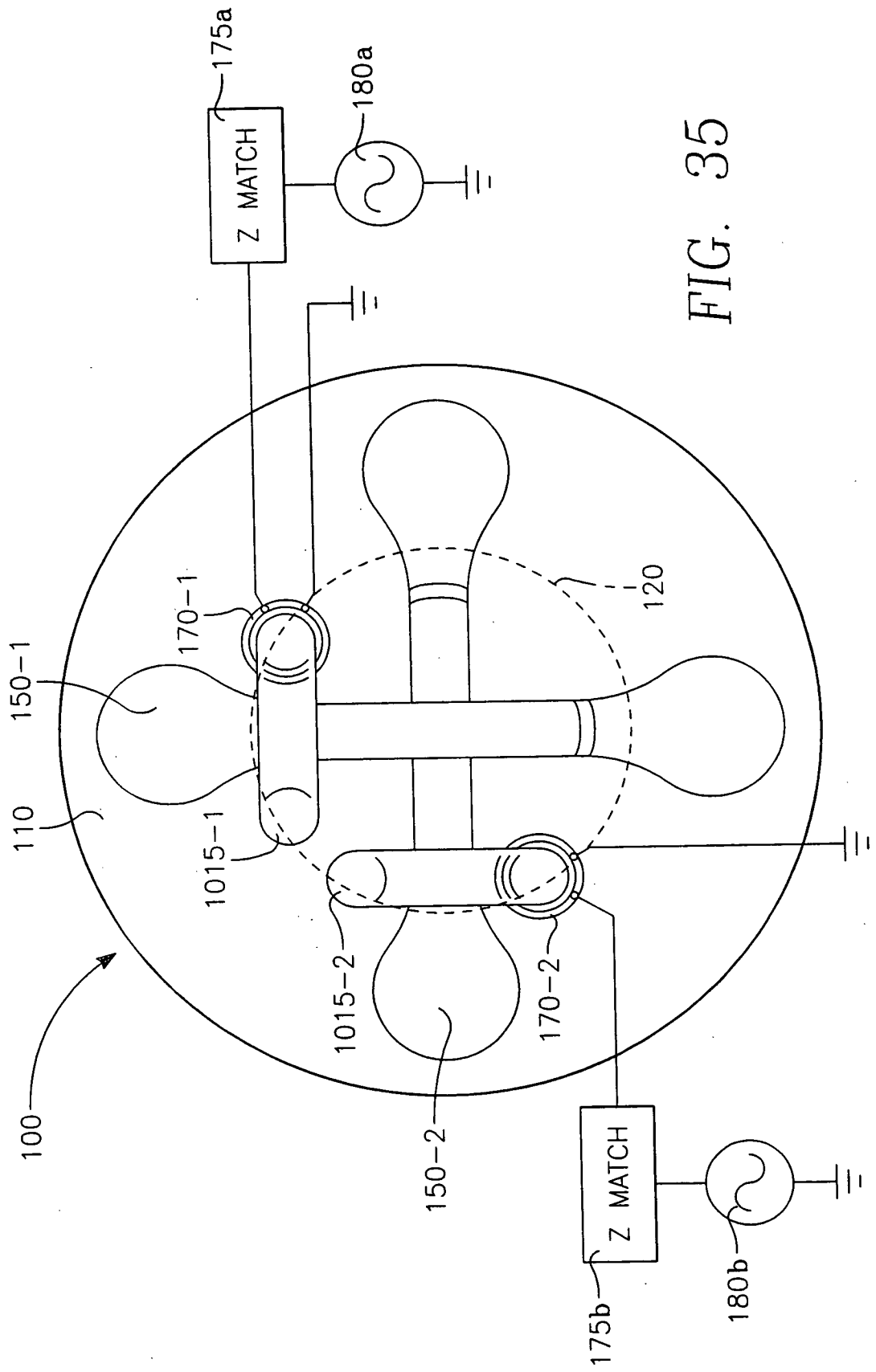
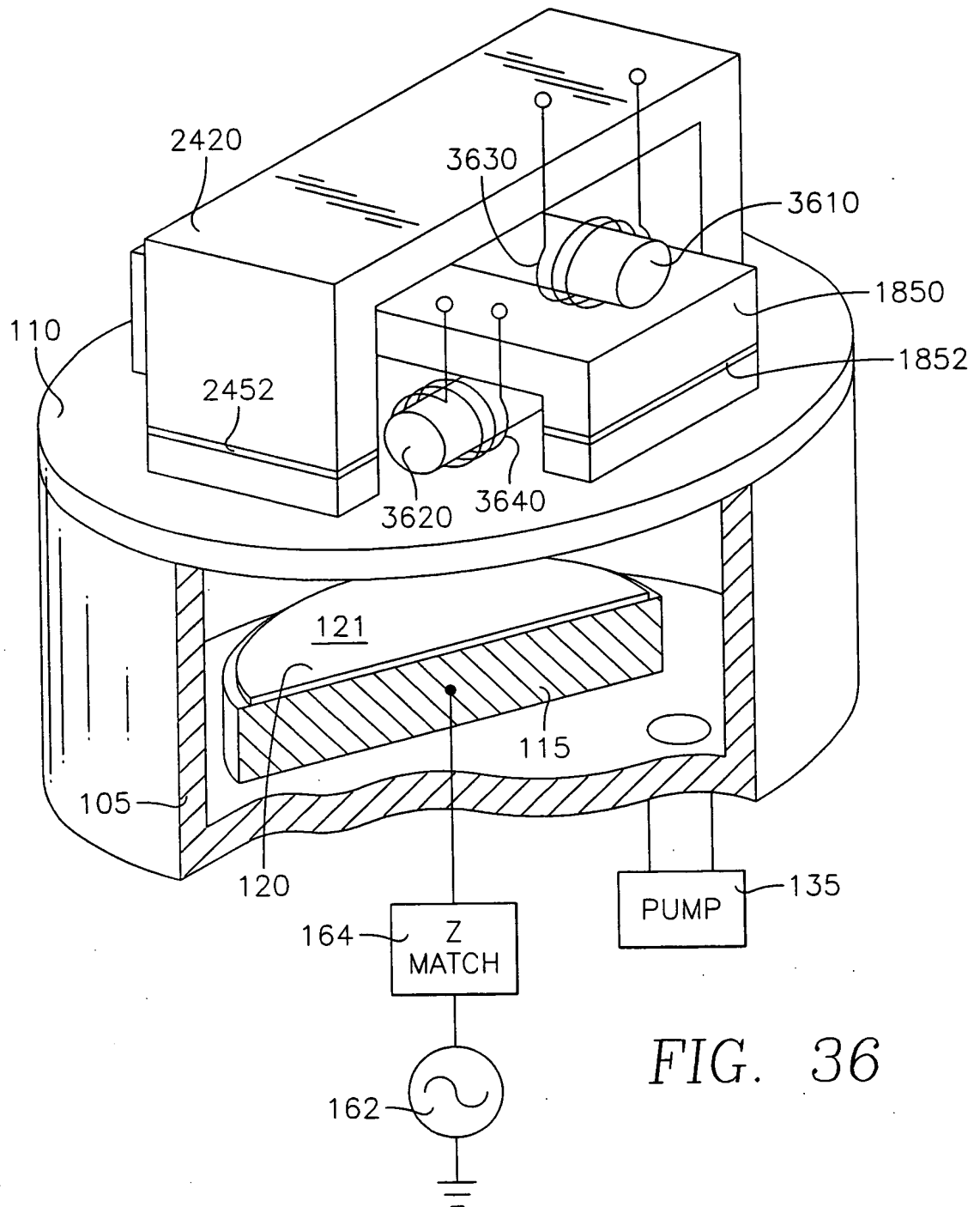


FIG. 35



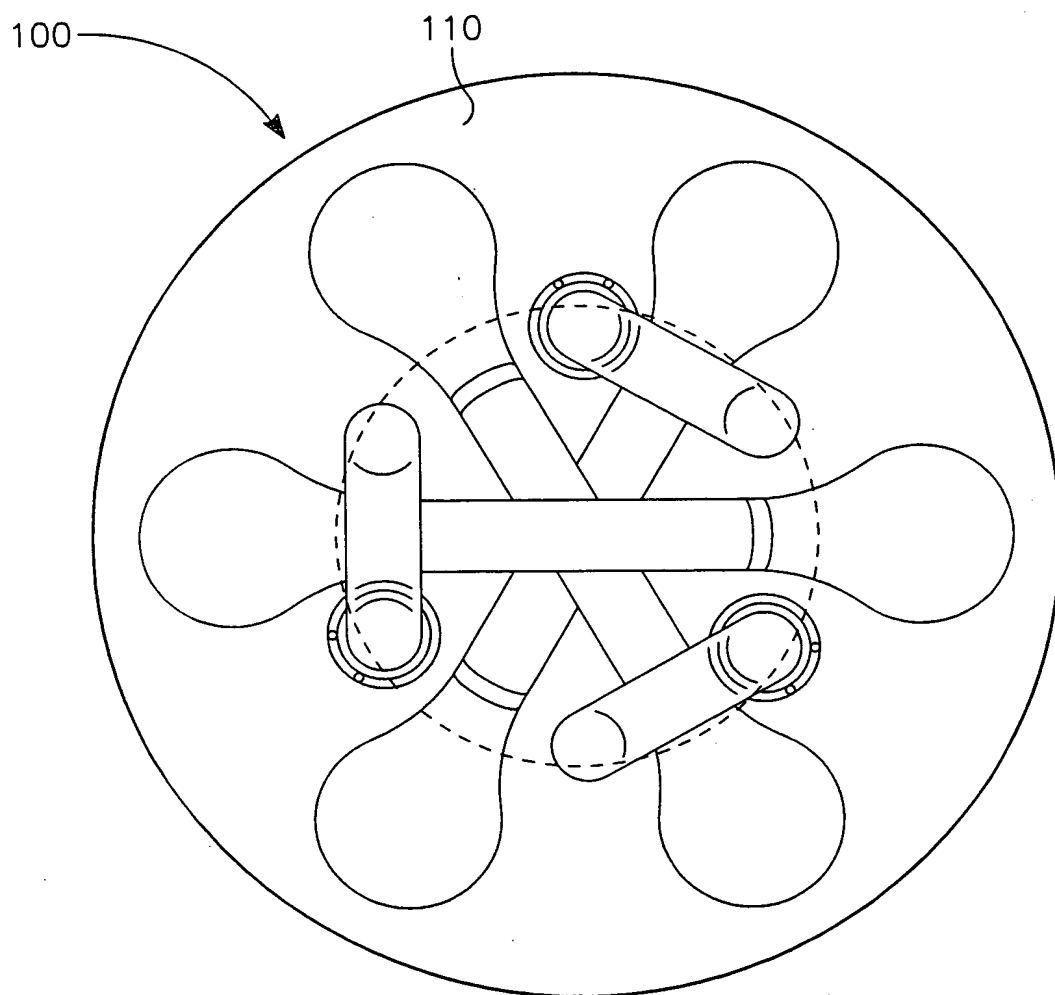


FIG. 37

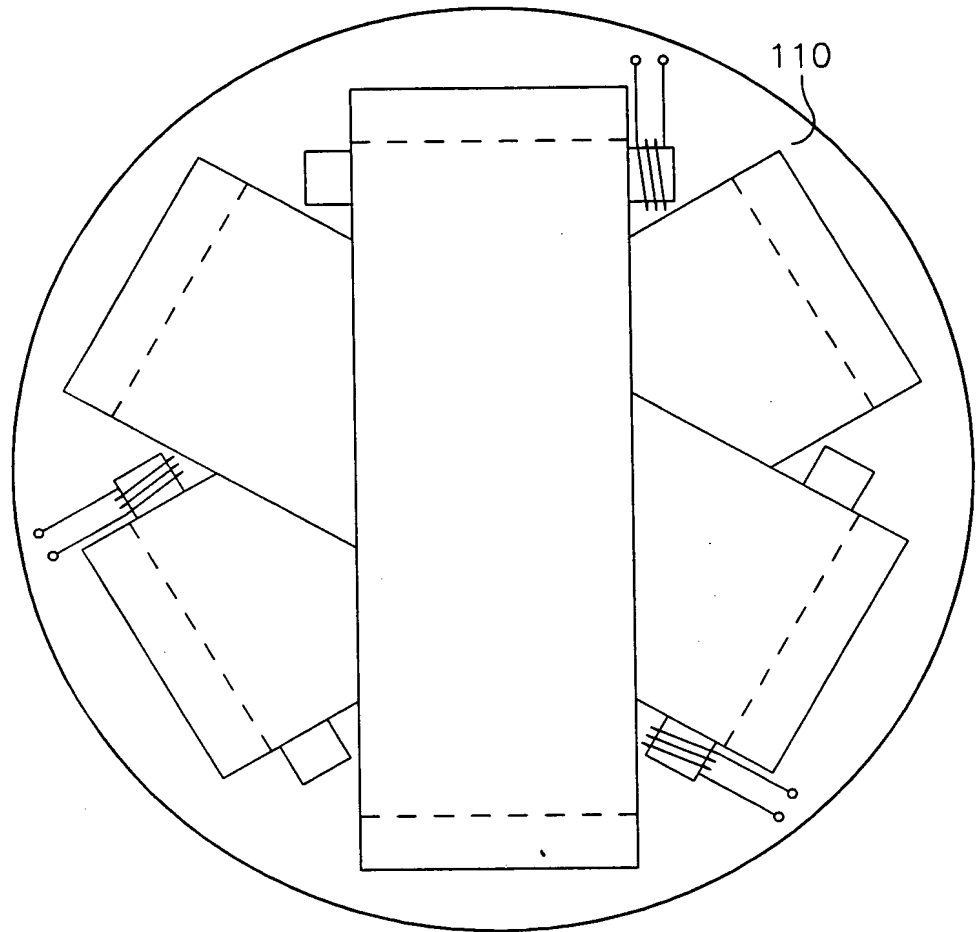


FIG. 38

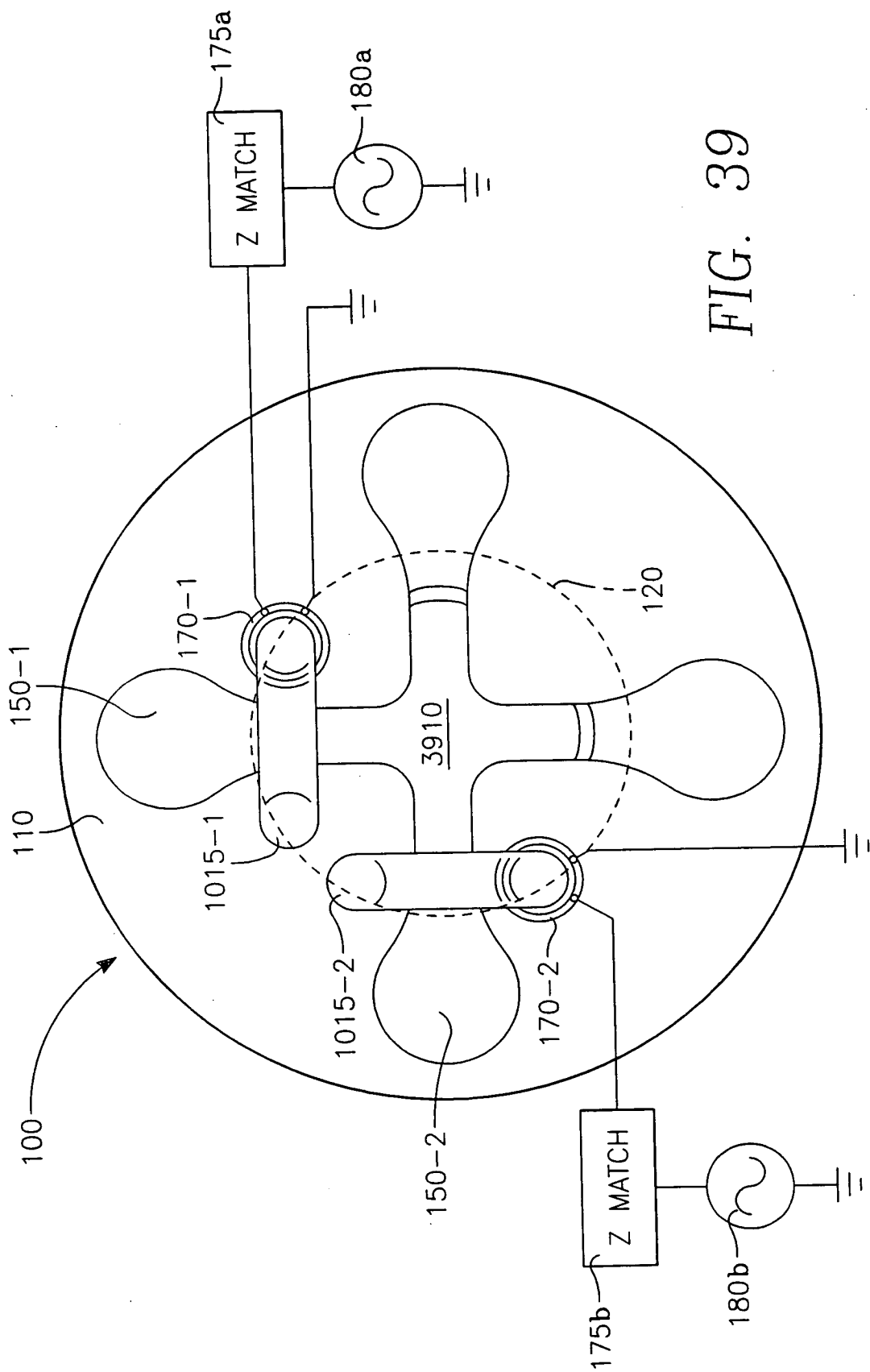


FIG. 39

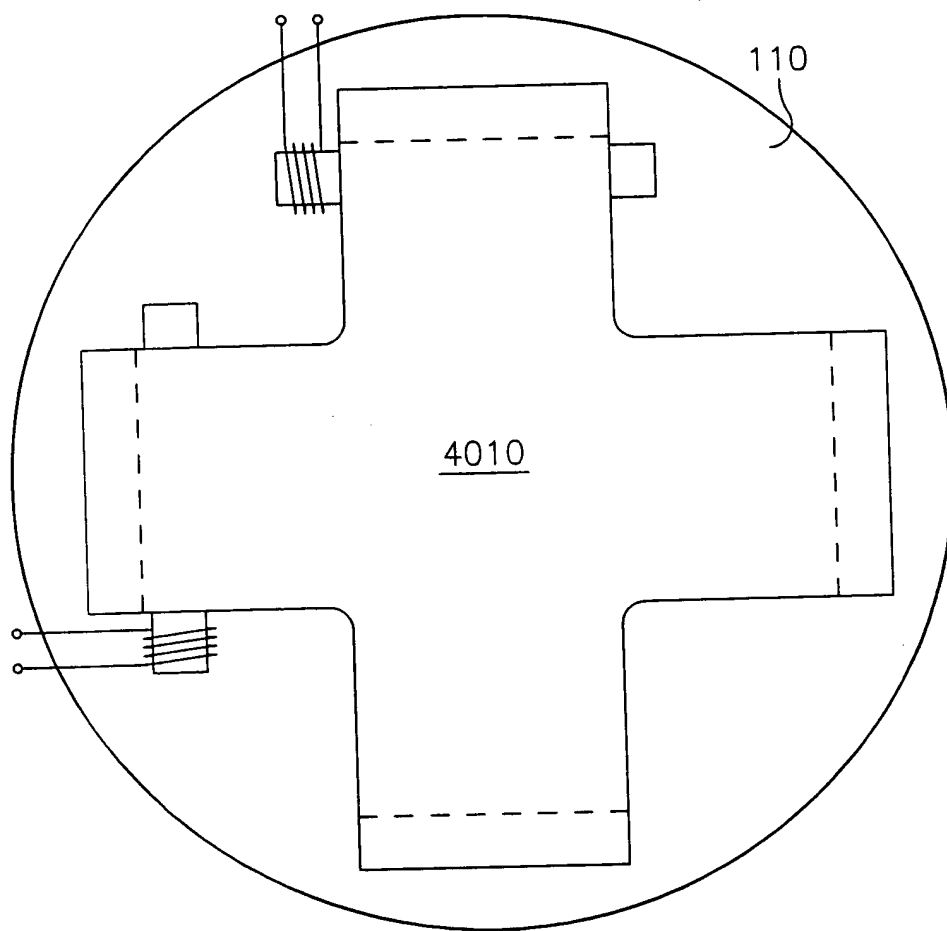


FIG. 40

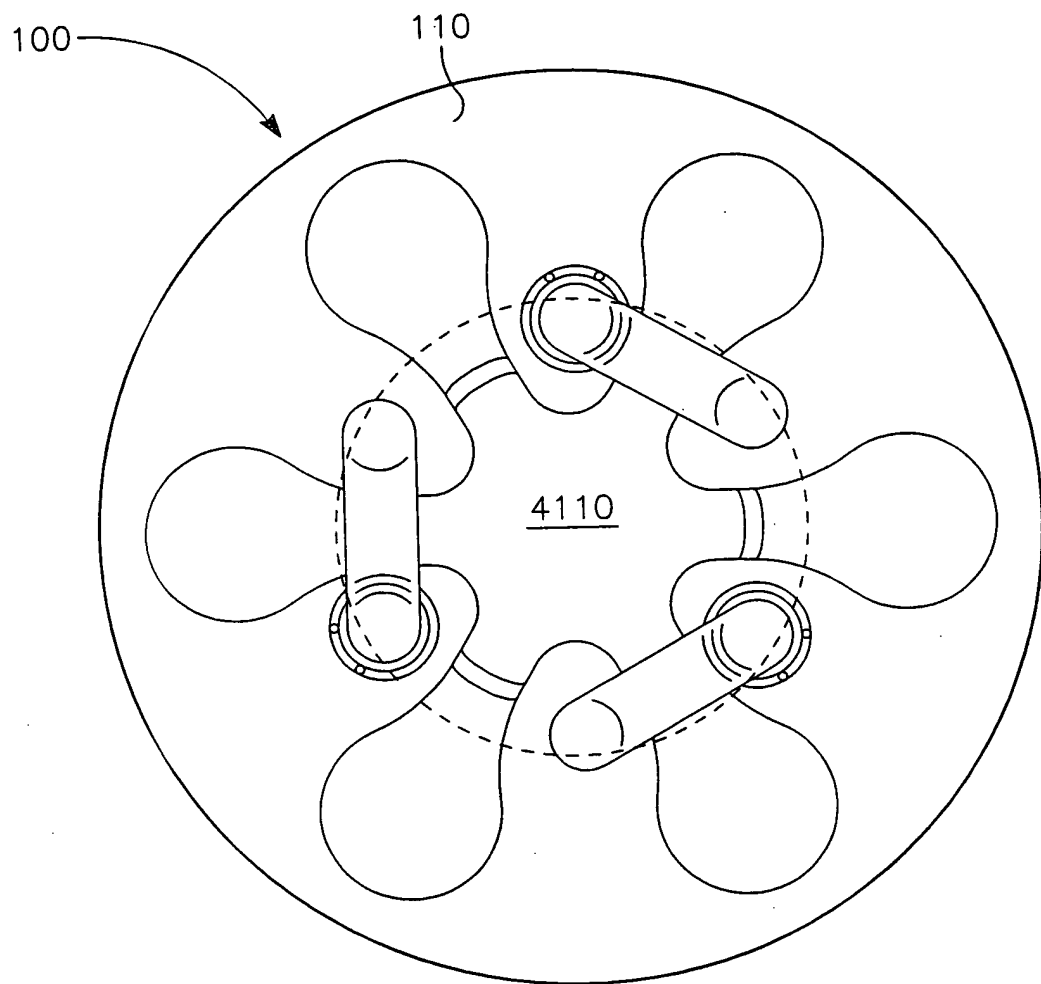


FIG. 41

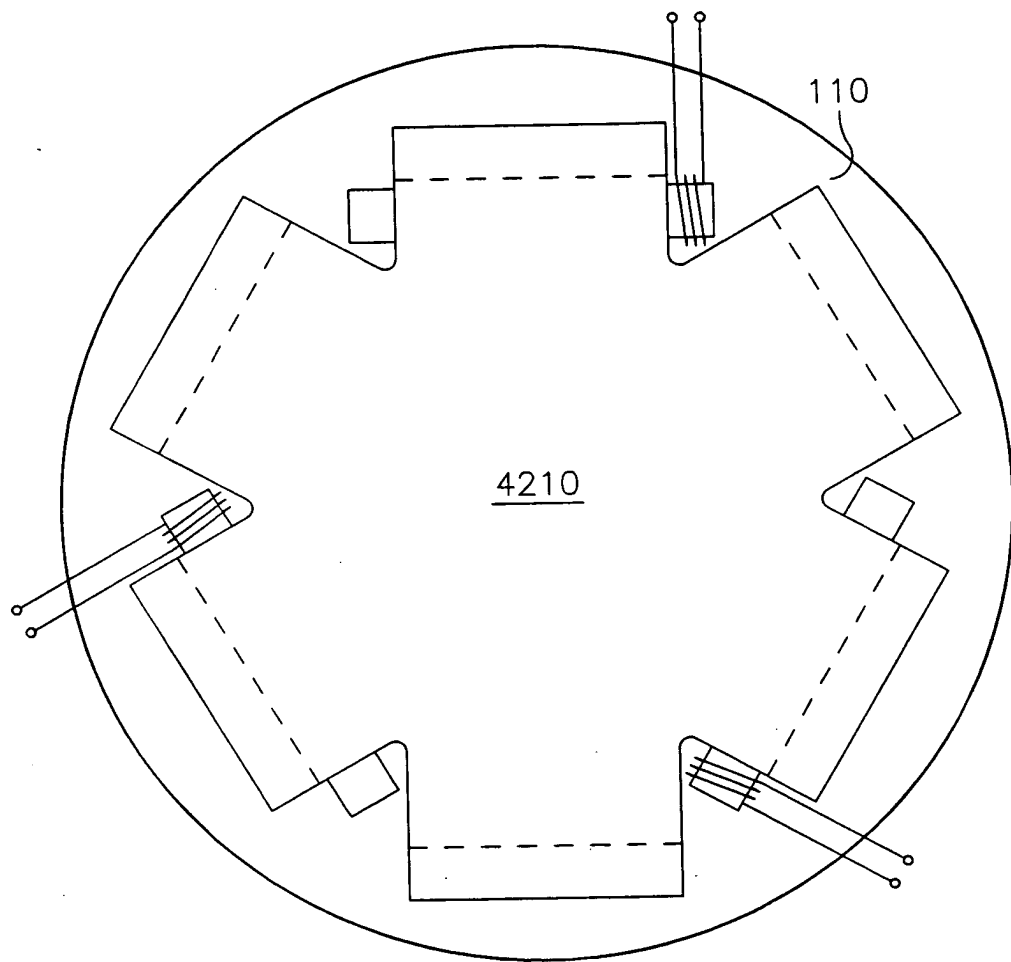


FIG. 42

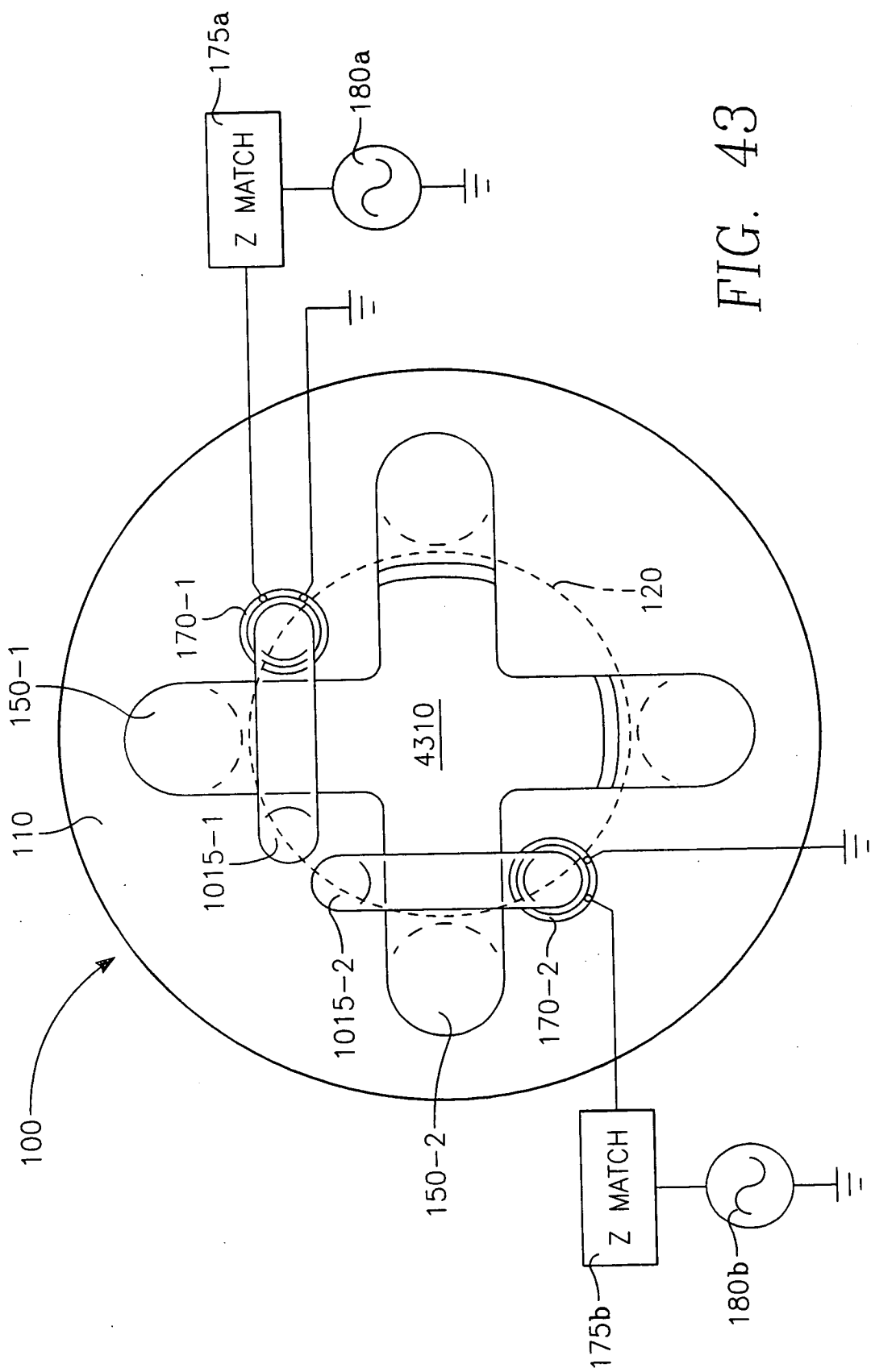


FIG. 43

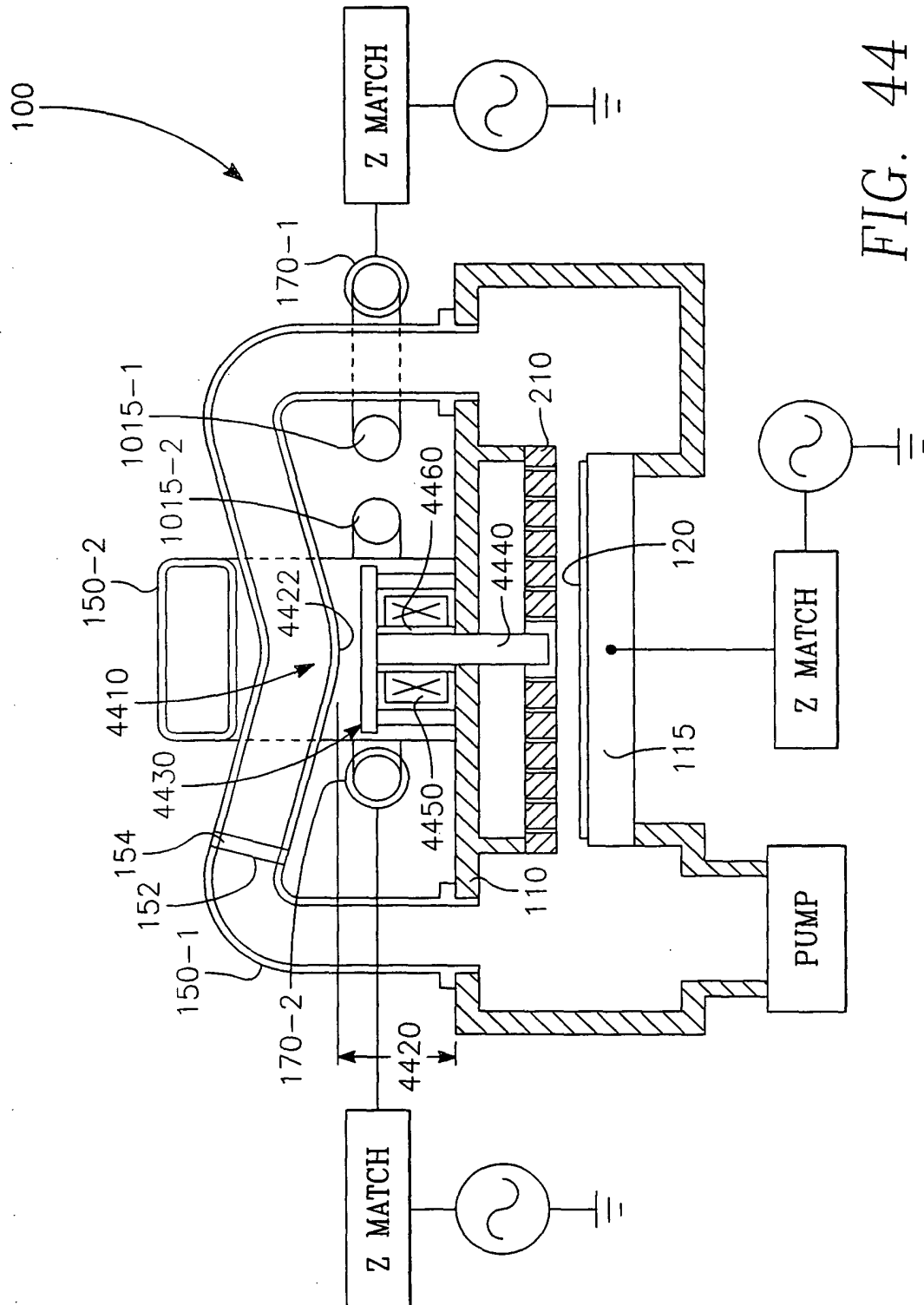


FIG. 44

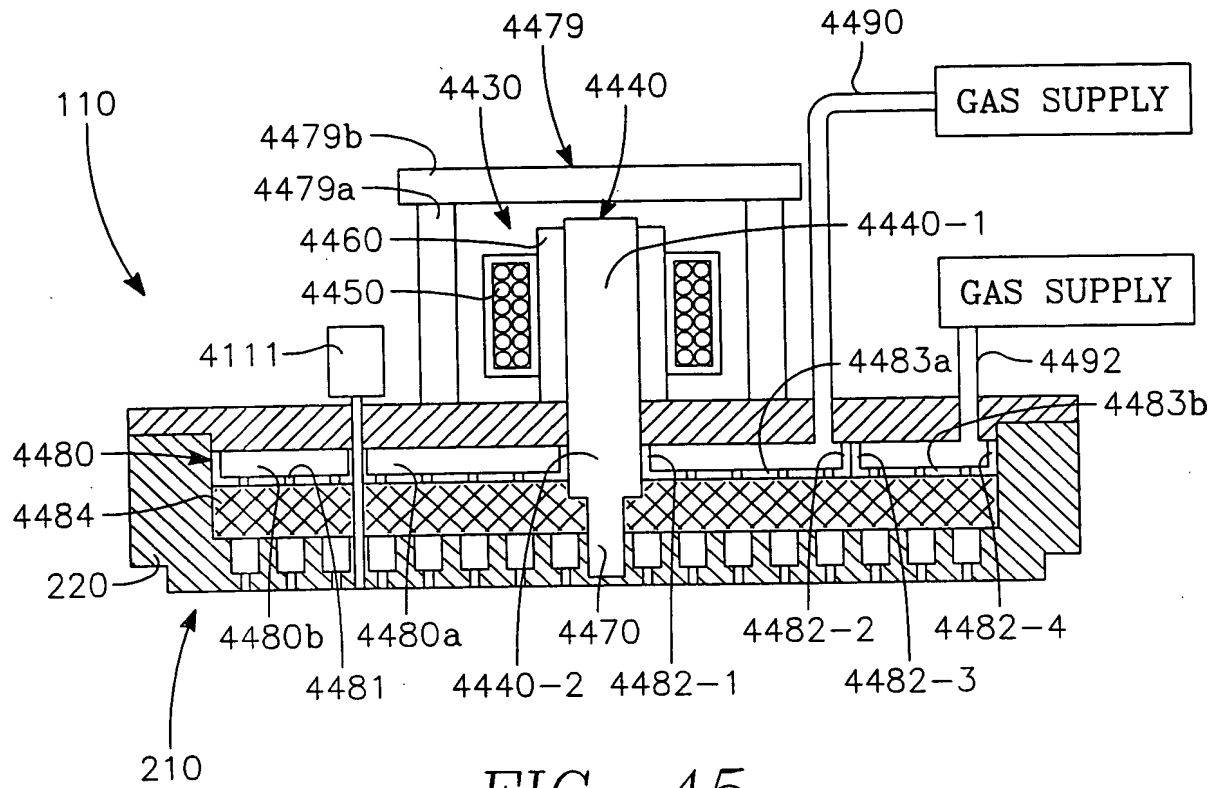


FIG. 45

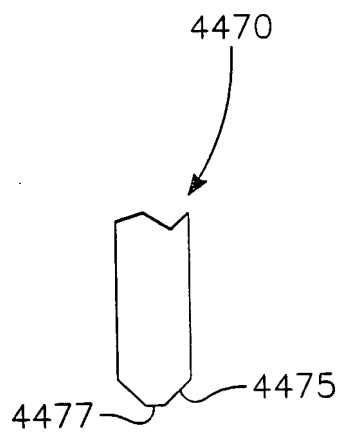


FIG. 46

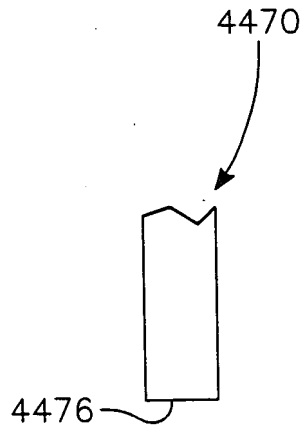


FIG. 47

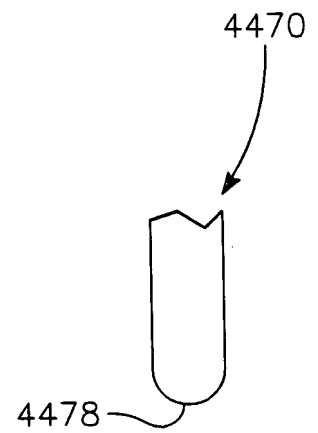


FIG. 48

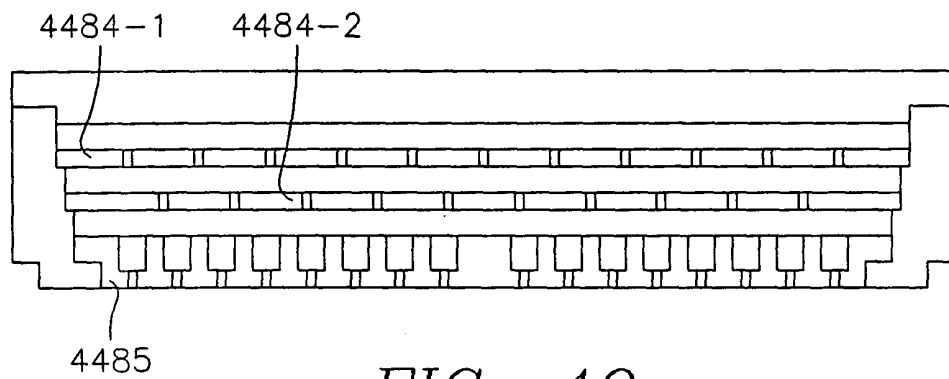


FIG. 49

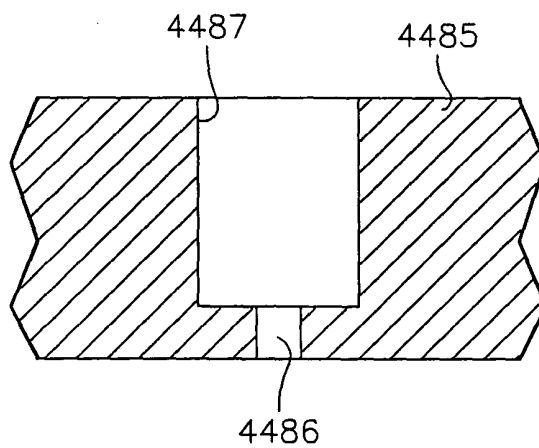


FIG. 50

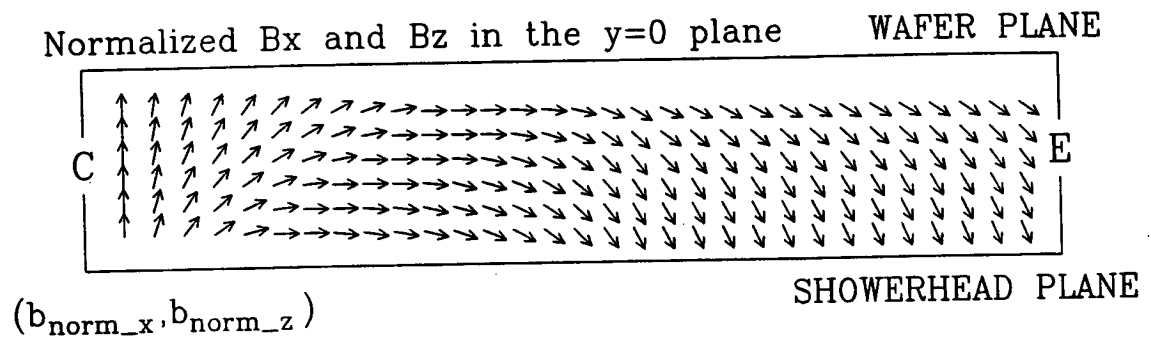


FIG. 51

□ Br measured=7 gauss at wafer plane, 1in. off-center (peak)

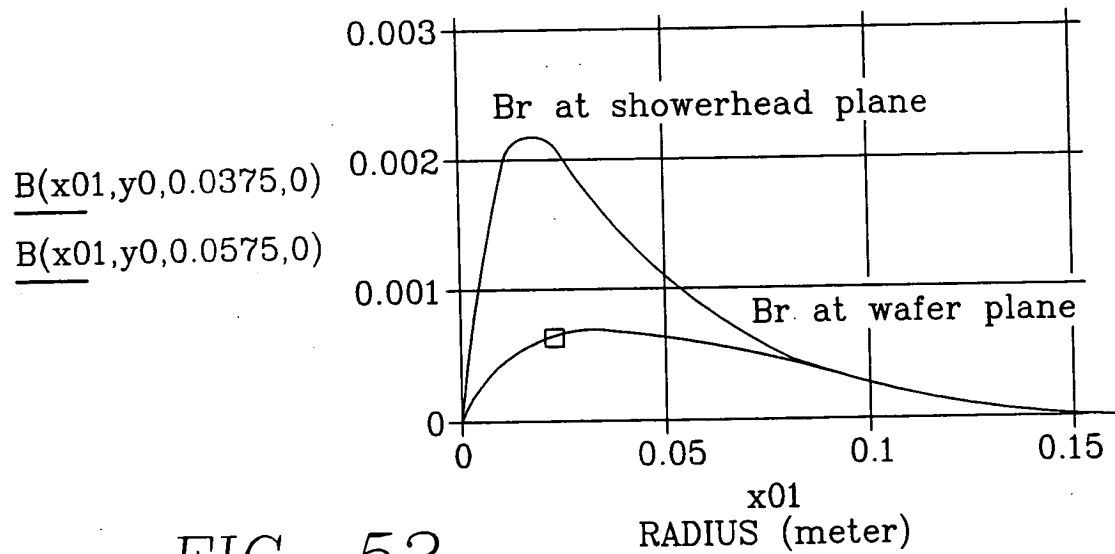


FIG. 52

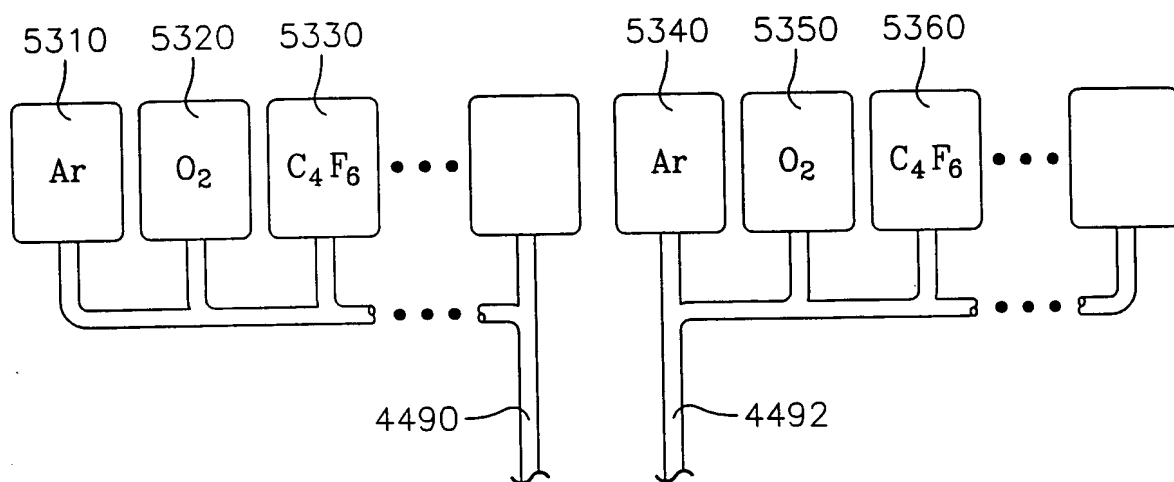


FIG. 53

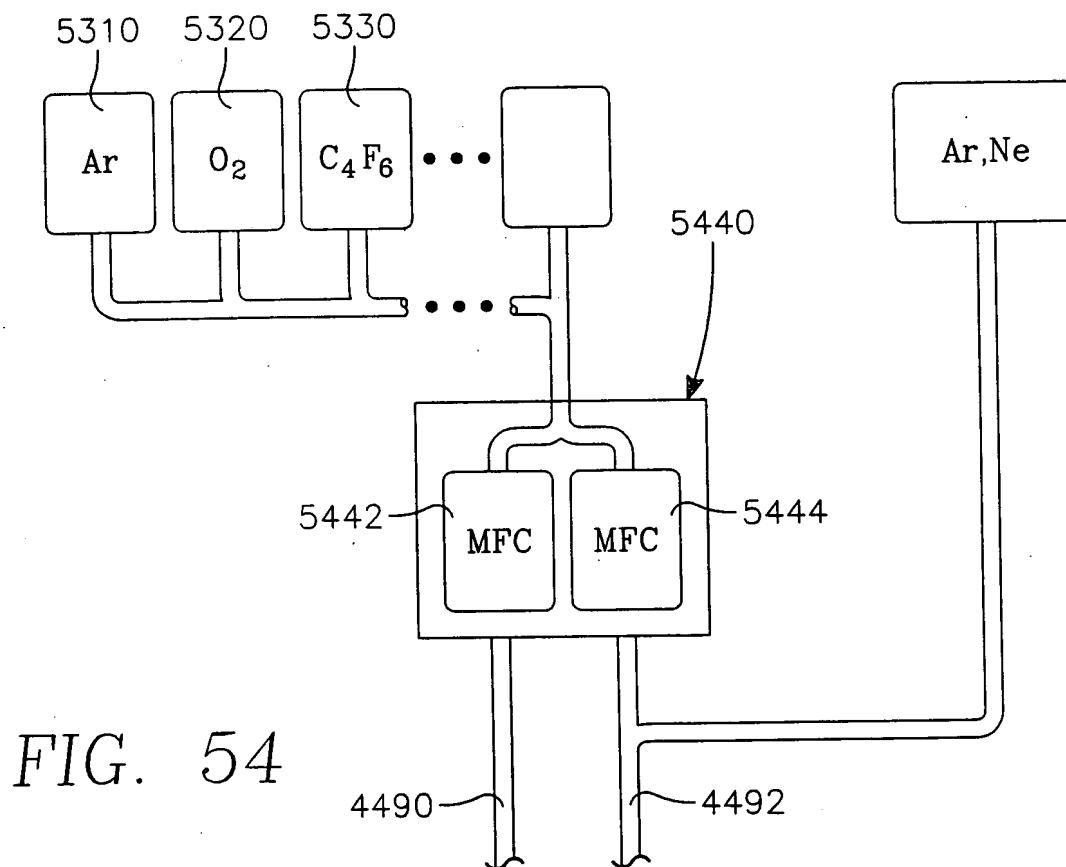


FIG. 54

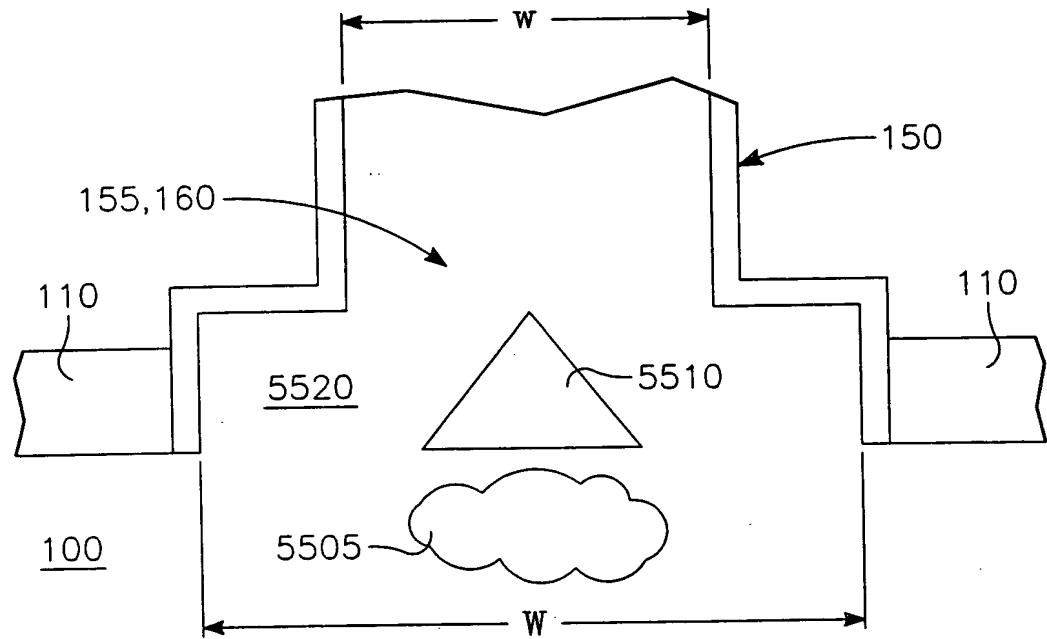


FIG. 55A

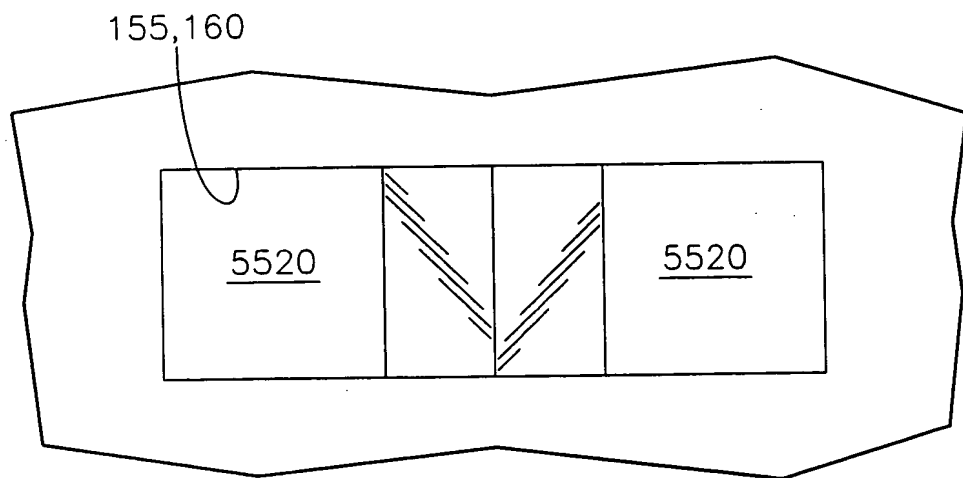


FIG. 55B

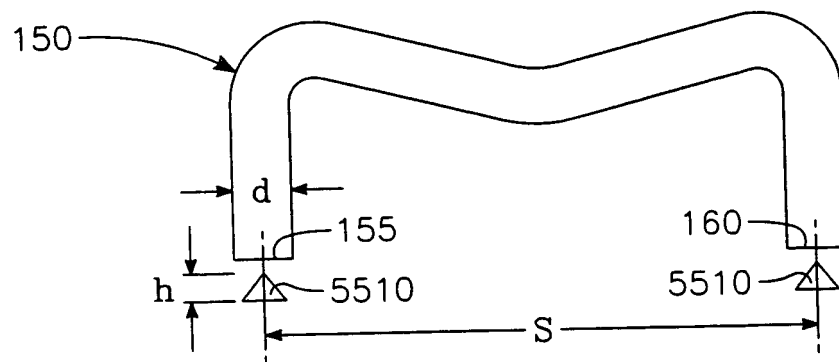


FIG. 56A

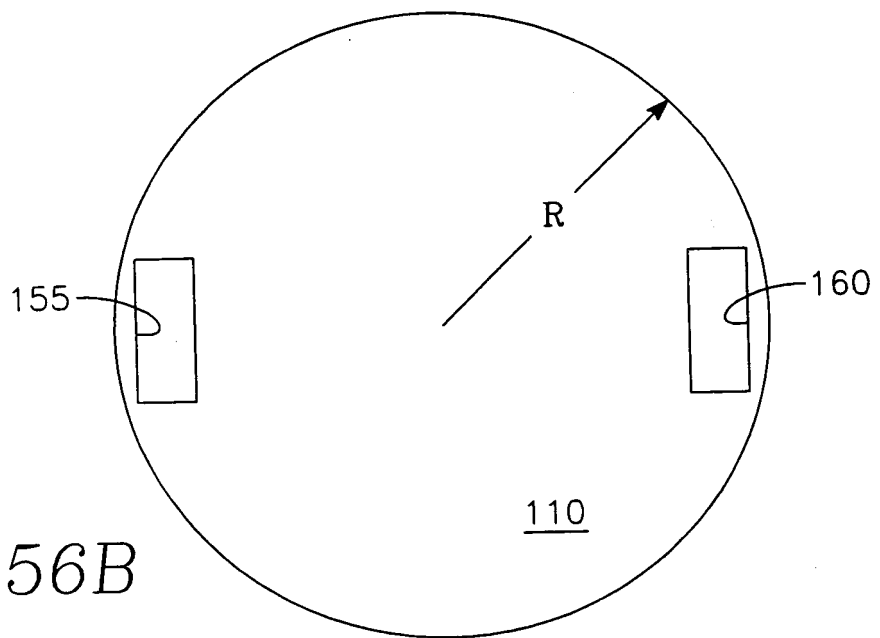


FIG. 56B

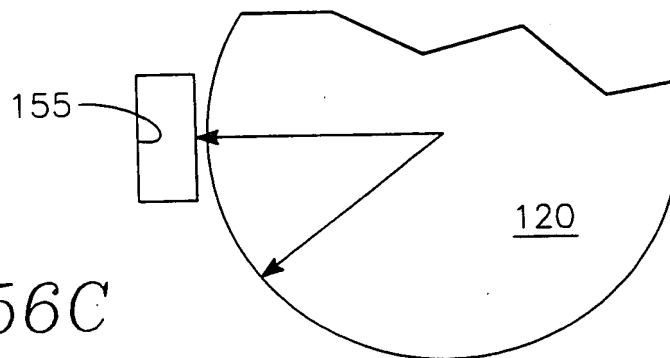


FIG. 56C

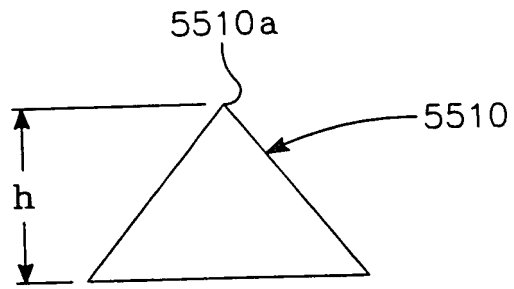


FIG. 57

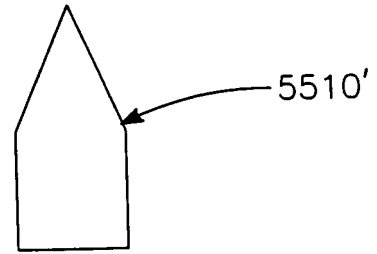


FIG. 58

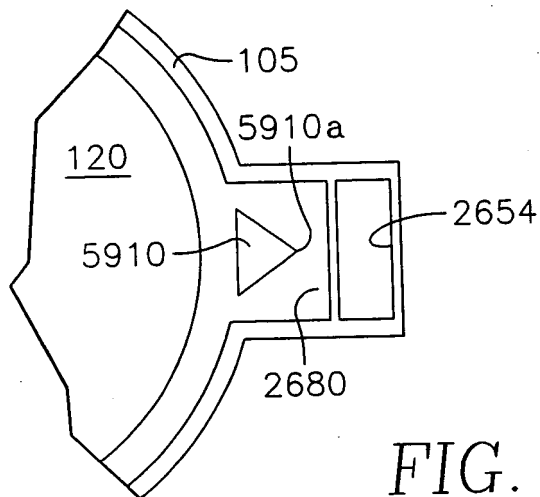


FIG. 59A

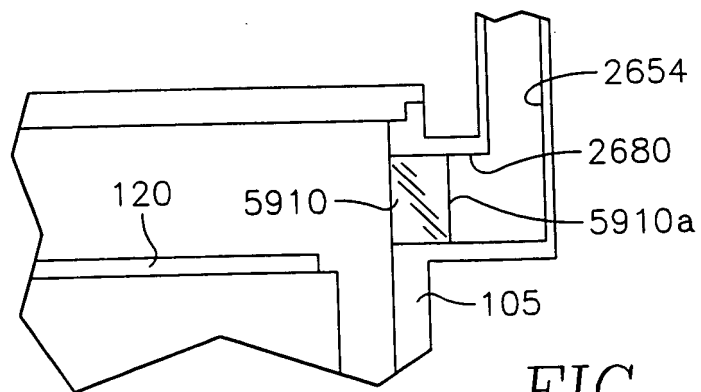


FIG. 59B

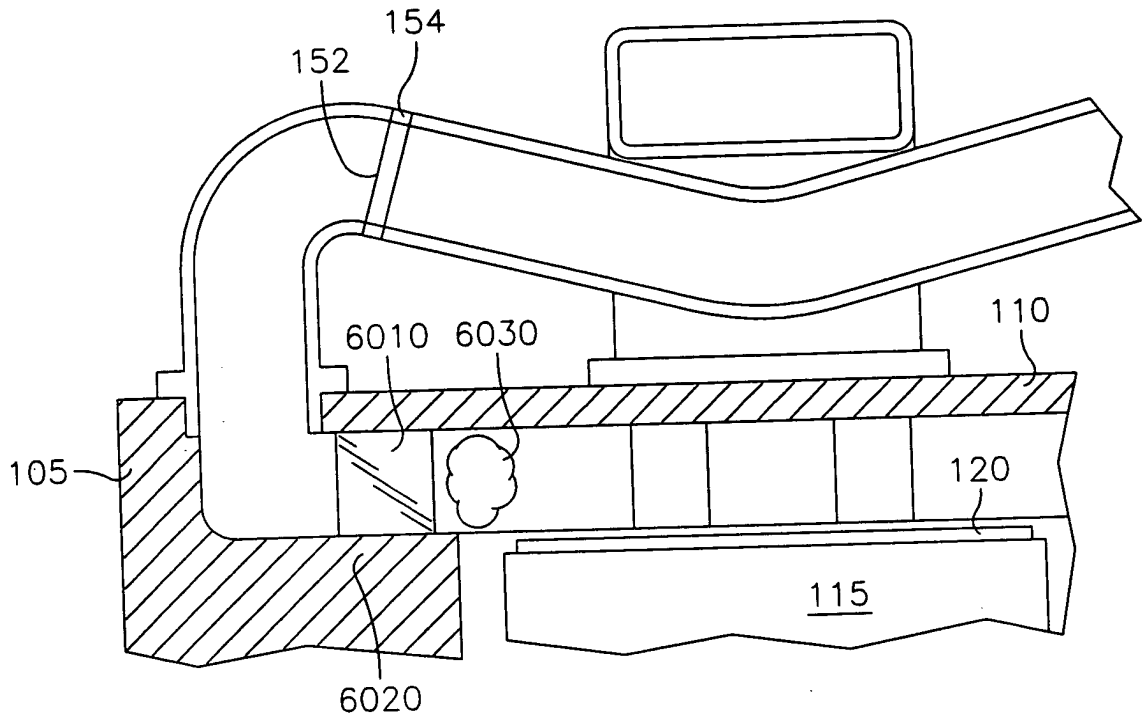


FIG. 60

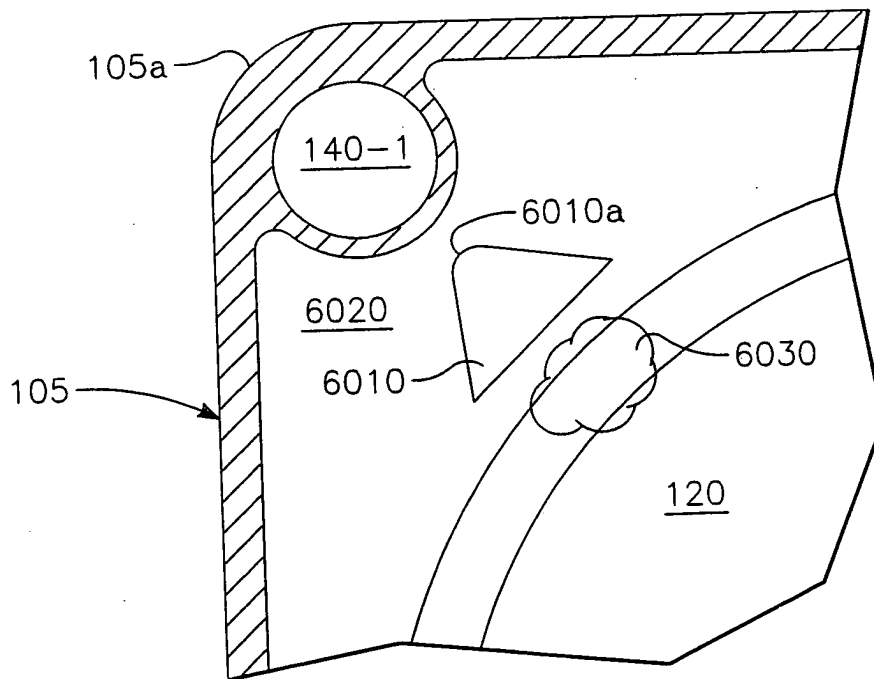


FIG. 61

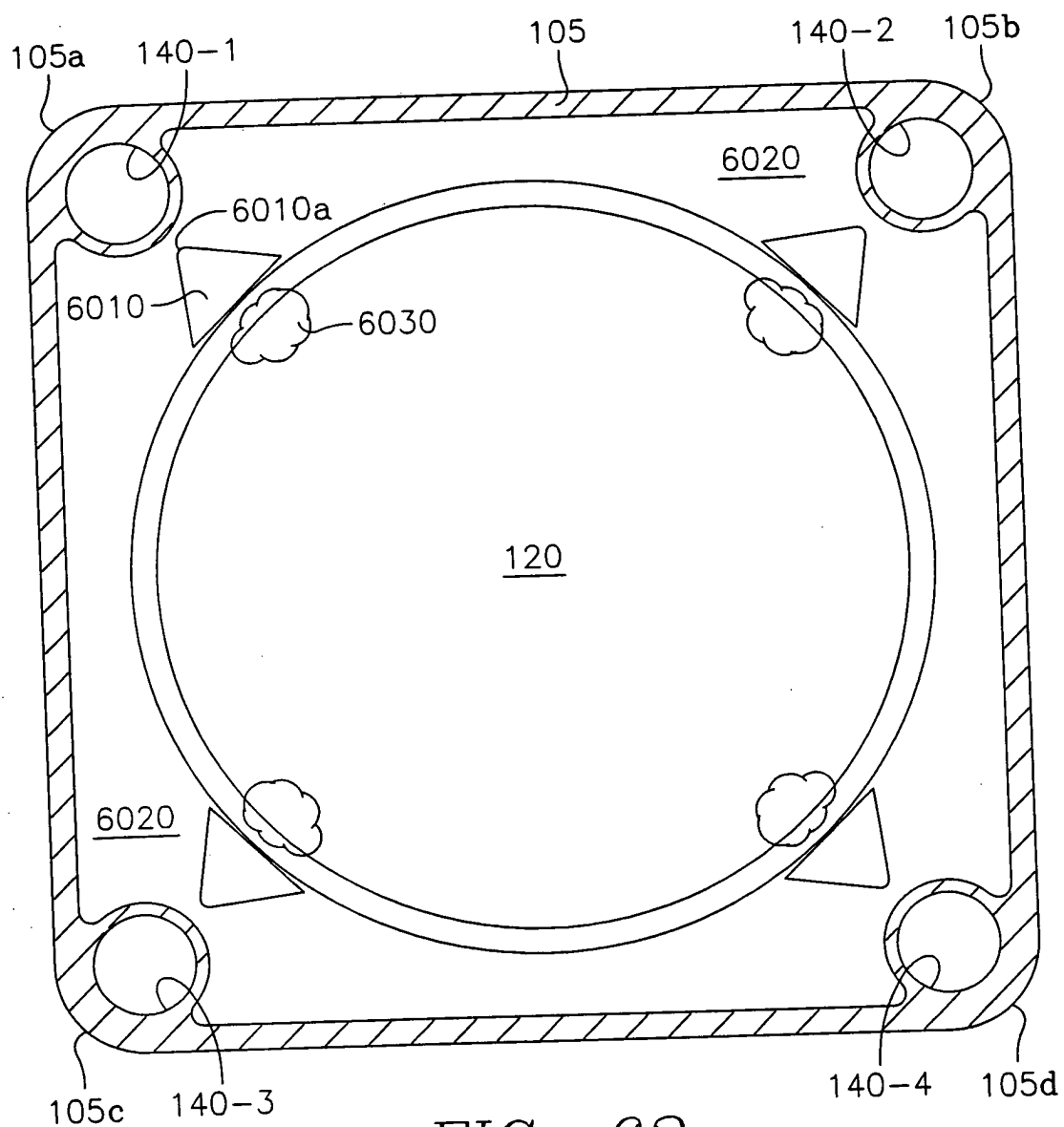


FIG. 62

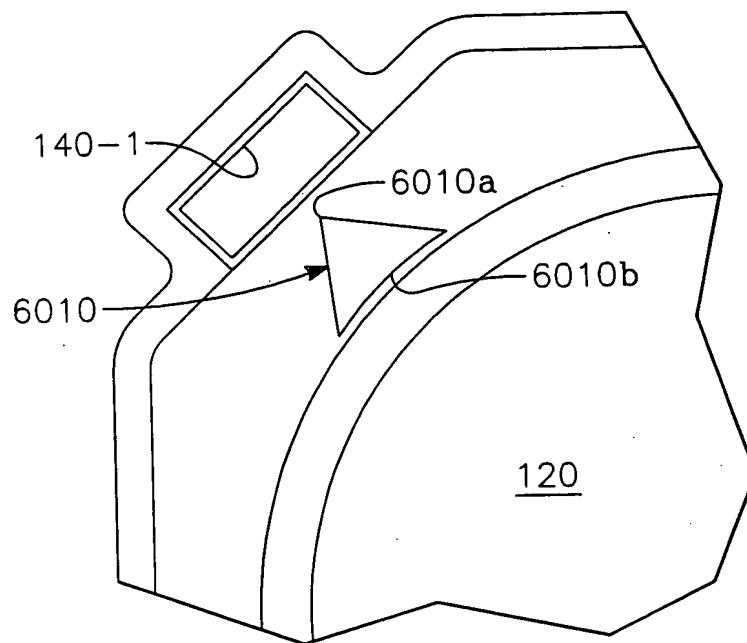


FIG. 63

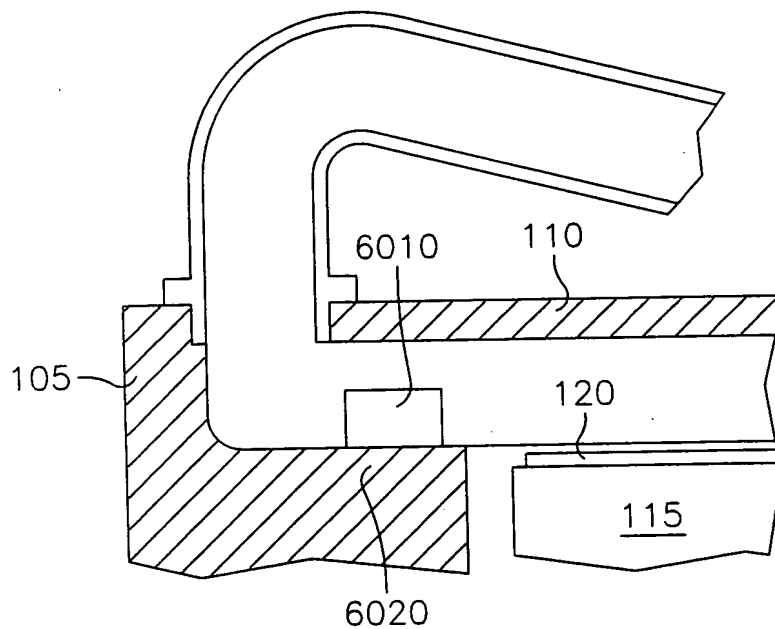


FIG. 64

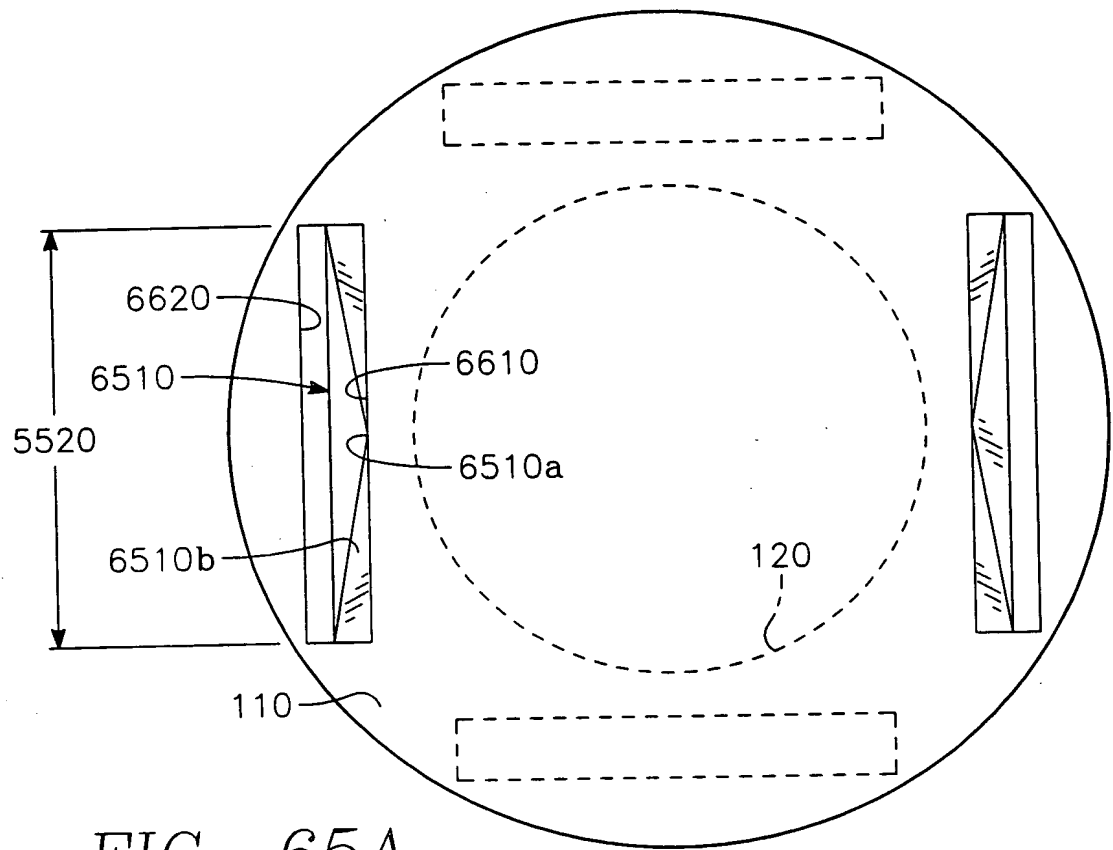


FIG. 65A

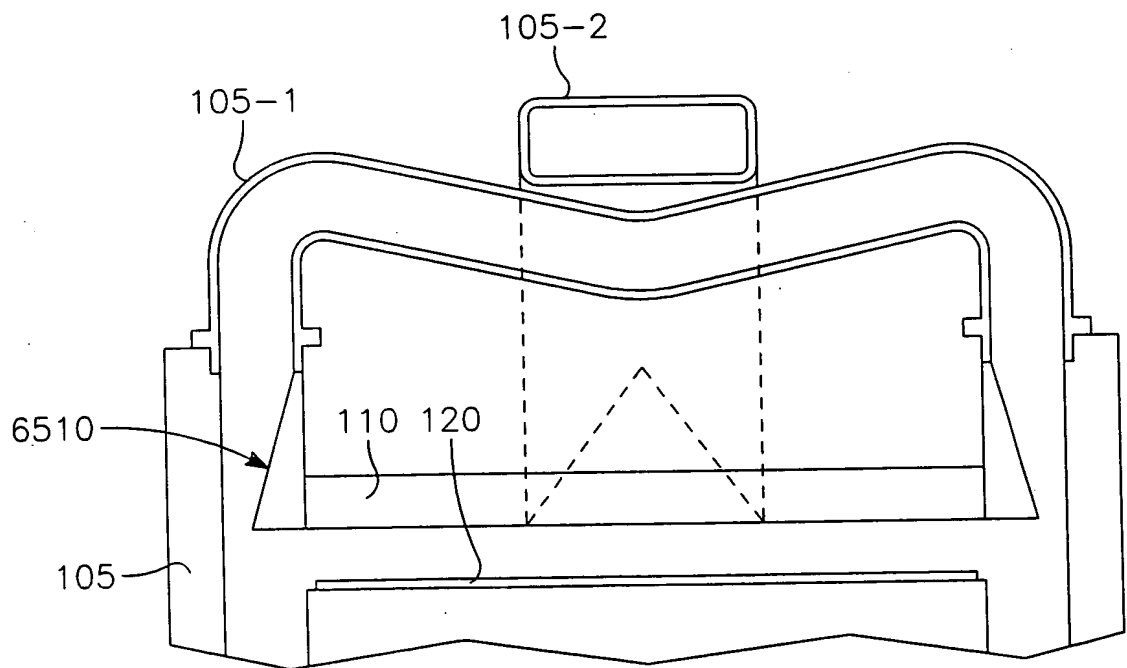


FIG. 65B

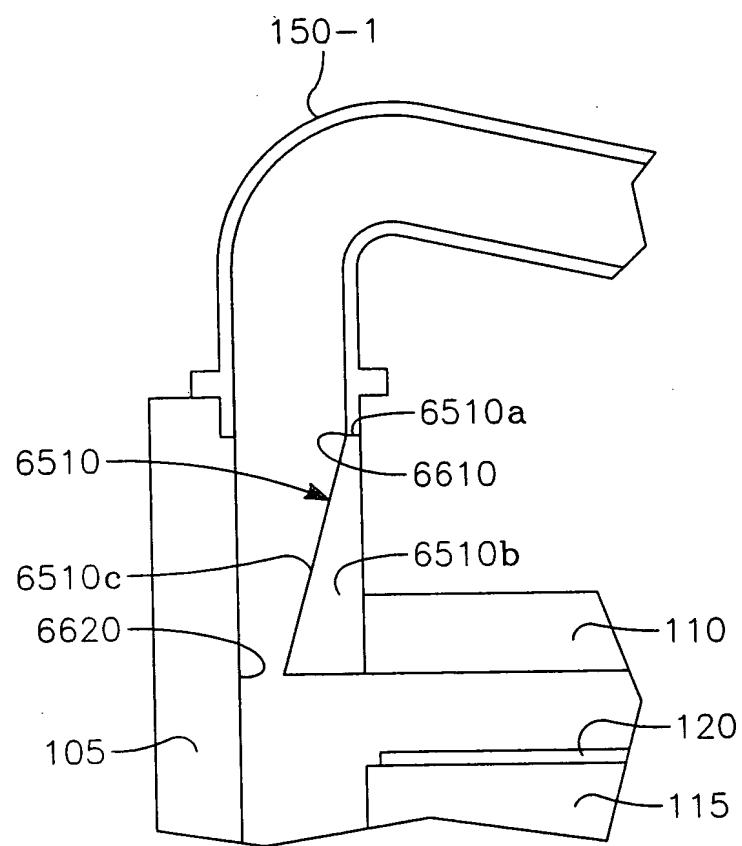


FIG. 66

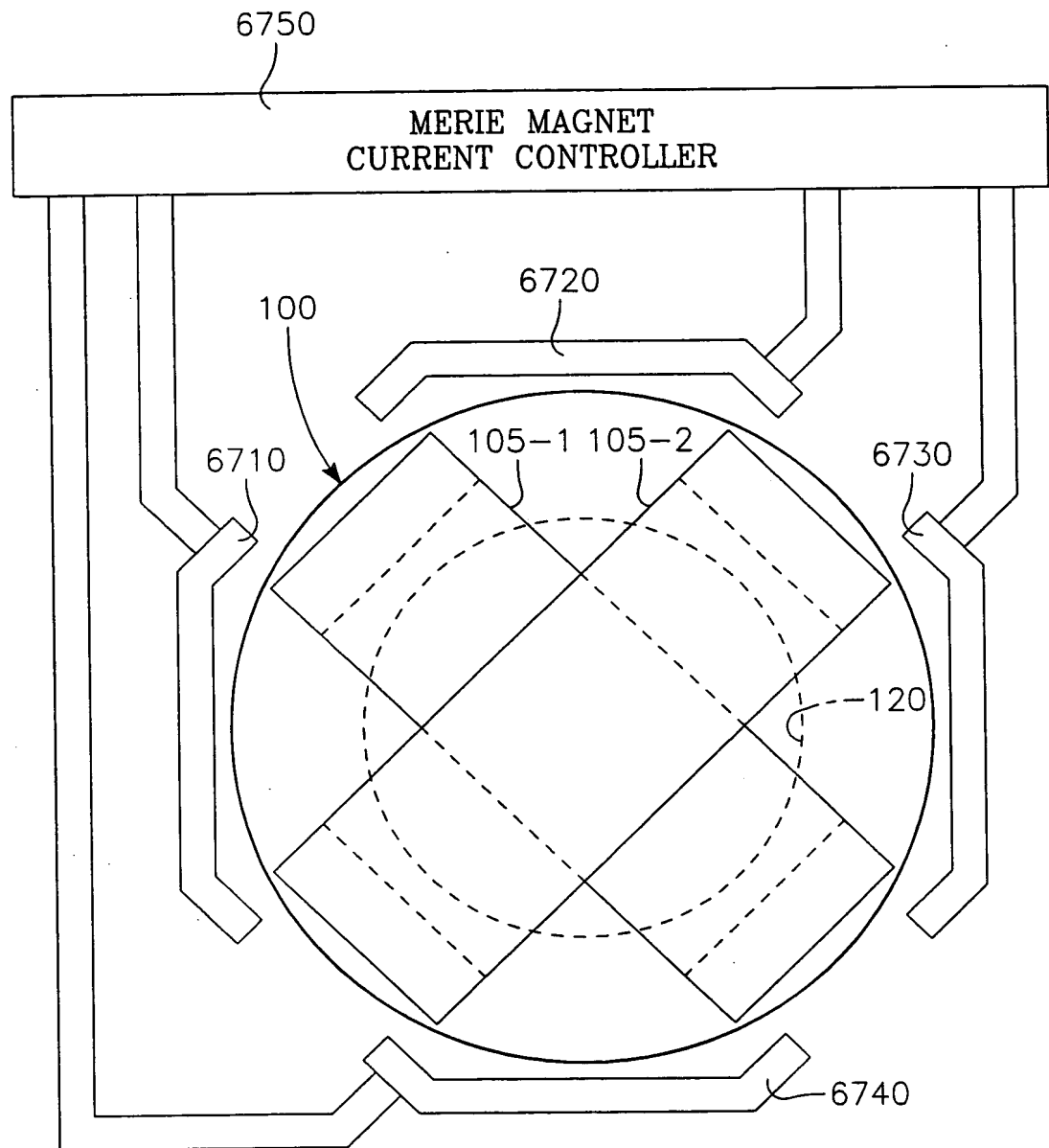


FIG. 67

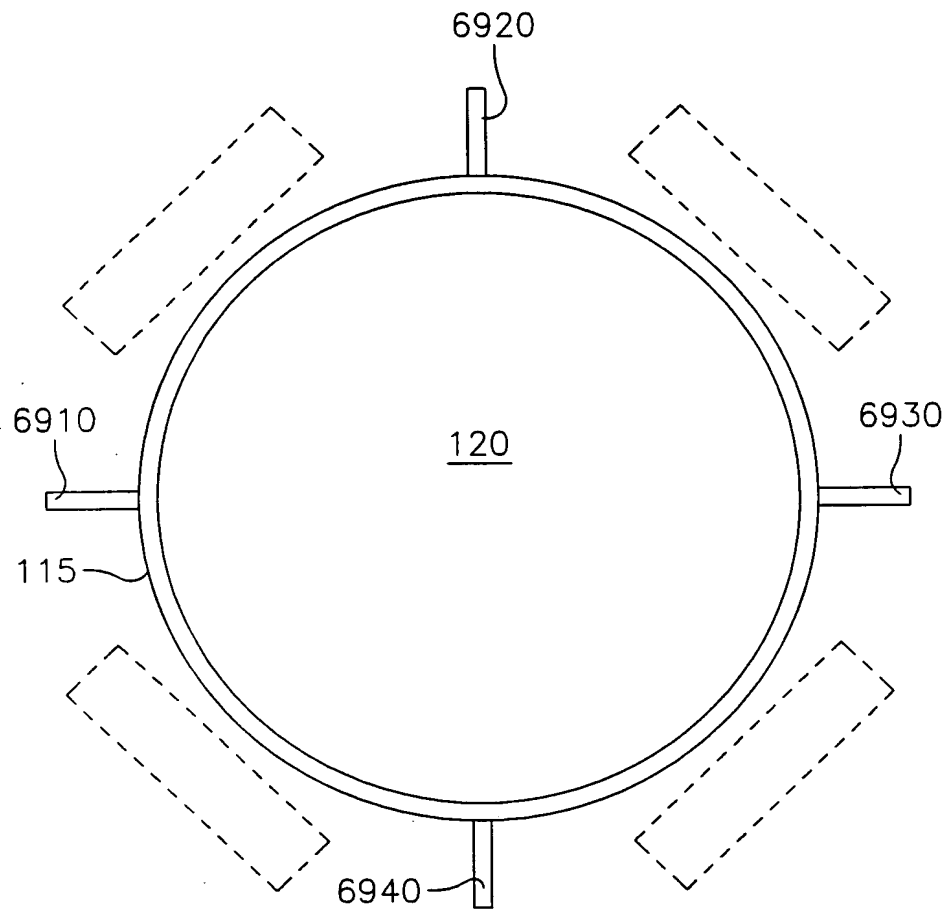


FIG. 68

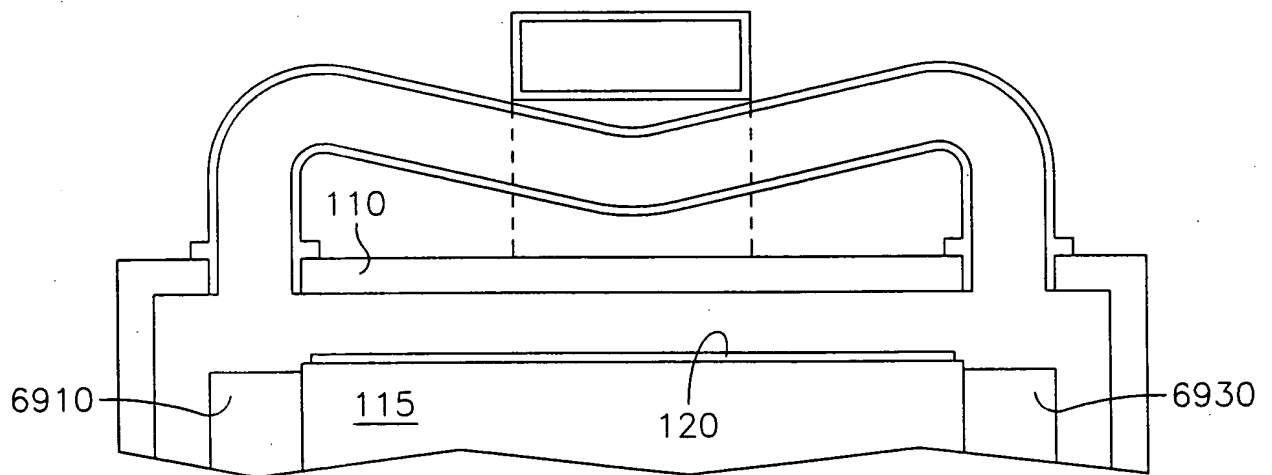
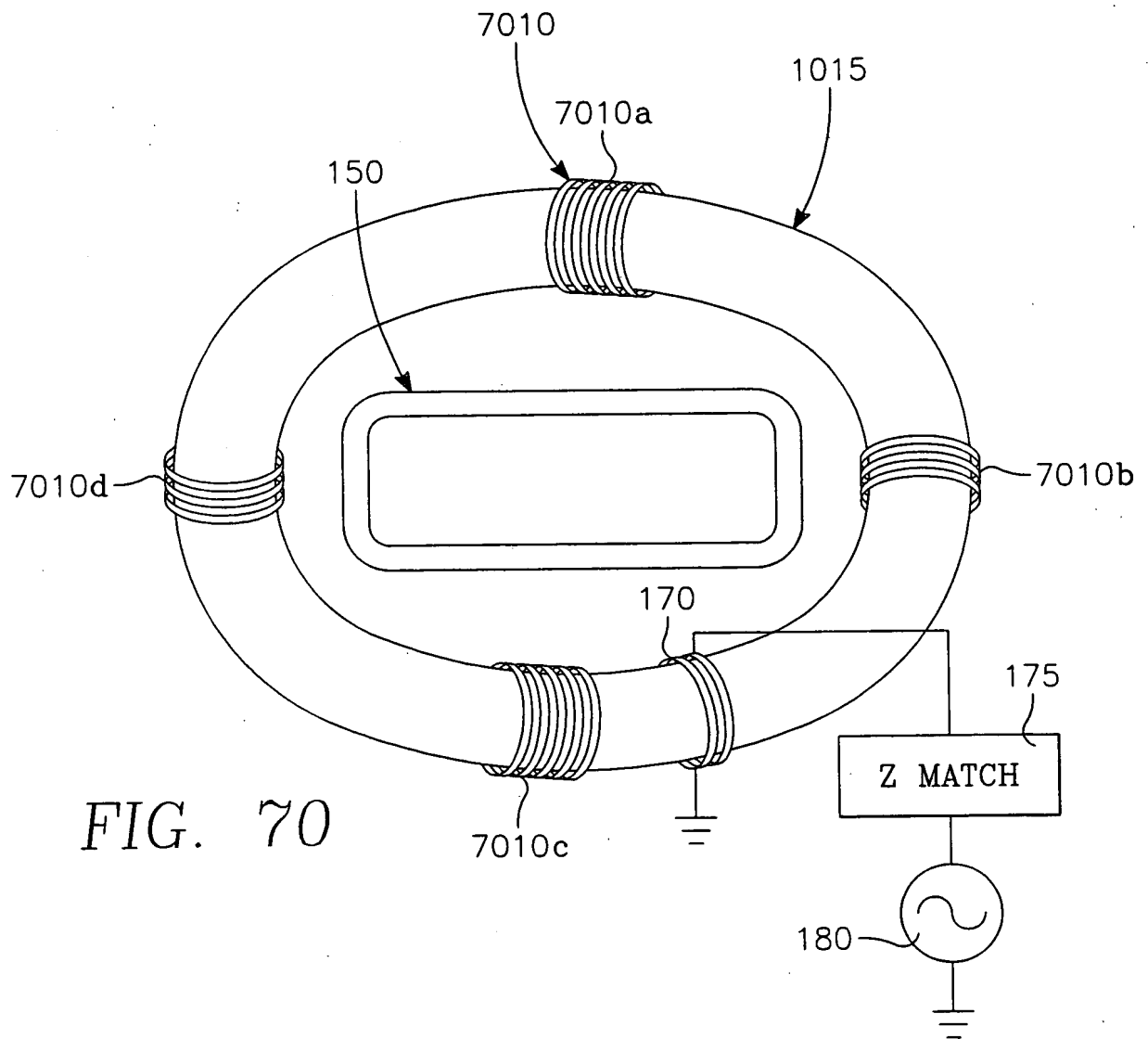
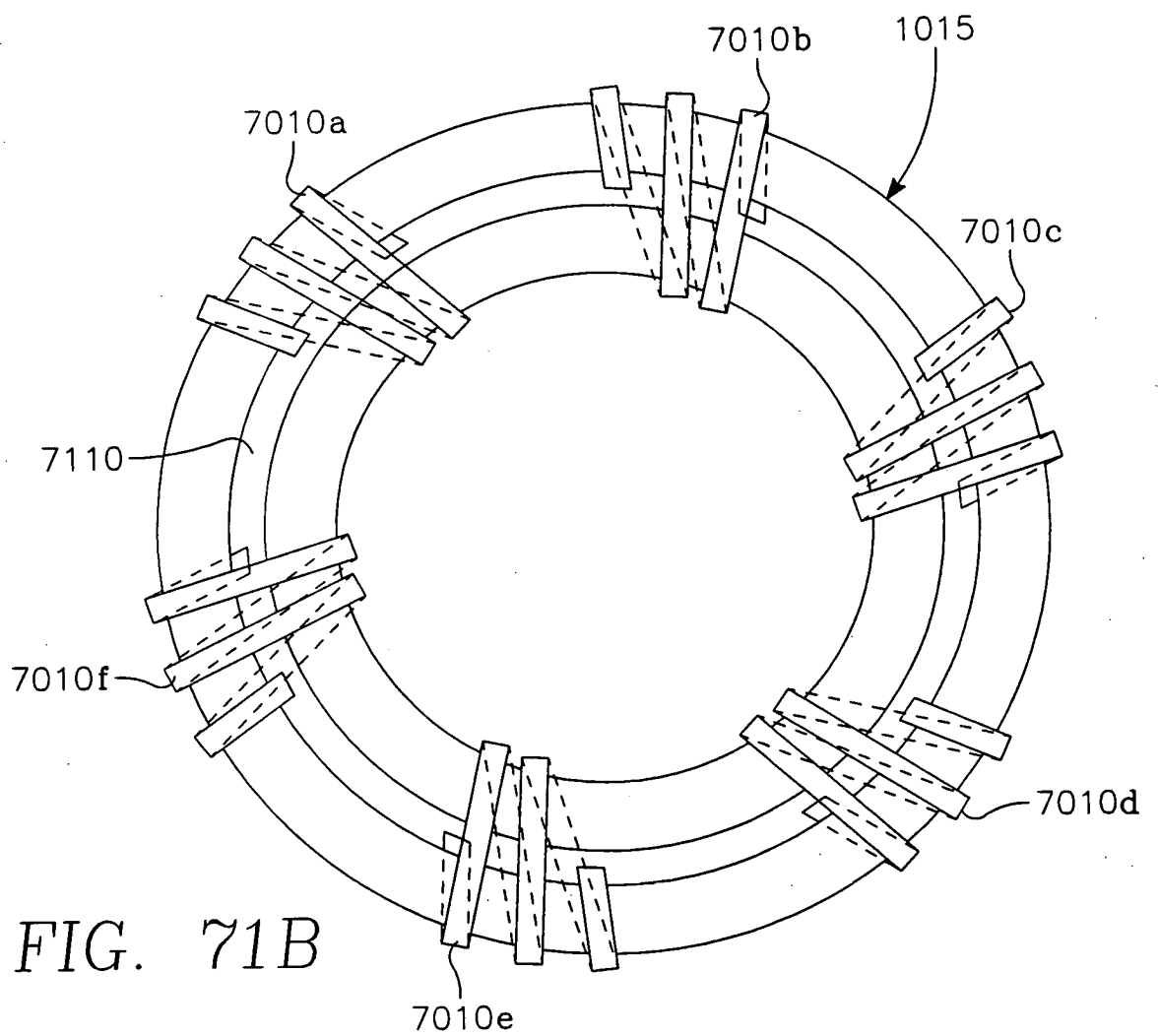
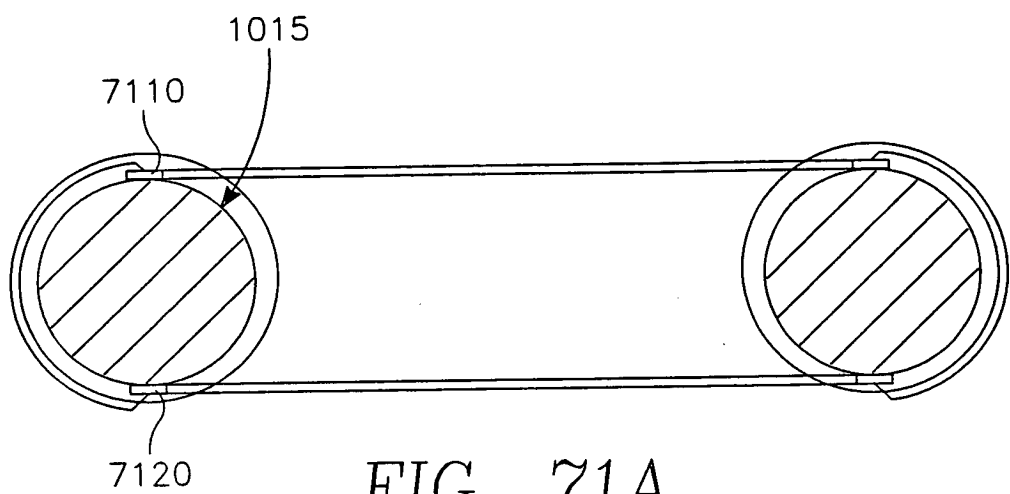


FIG. 69





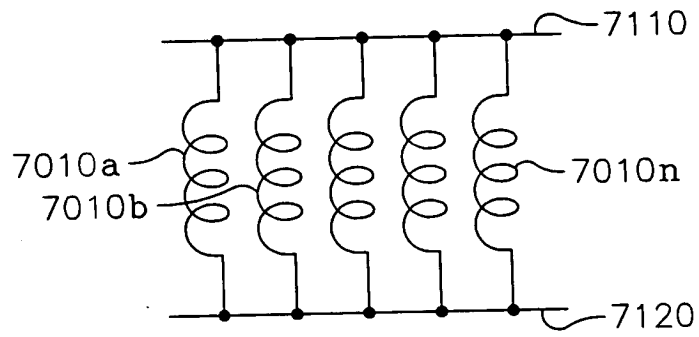


FIG. 72

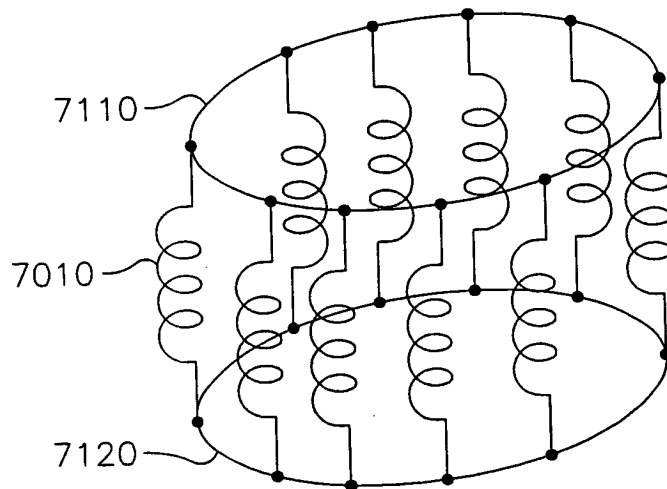


FIG. 73

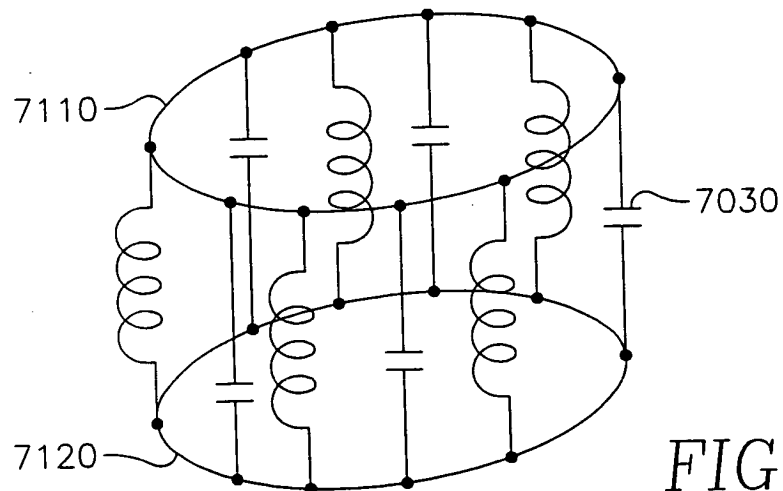


FIG. 74

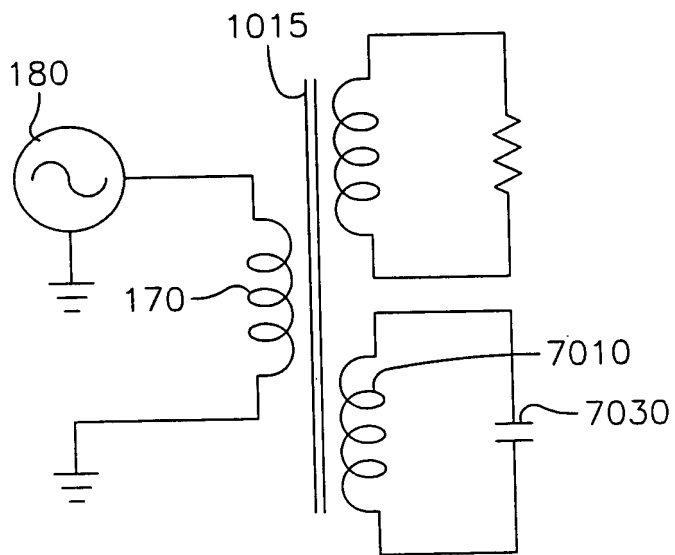


FIG. 75

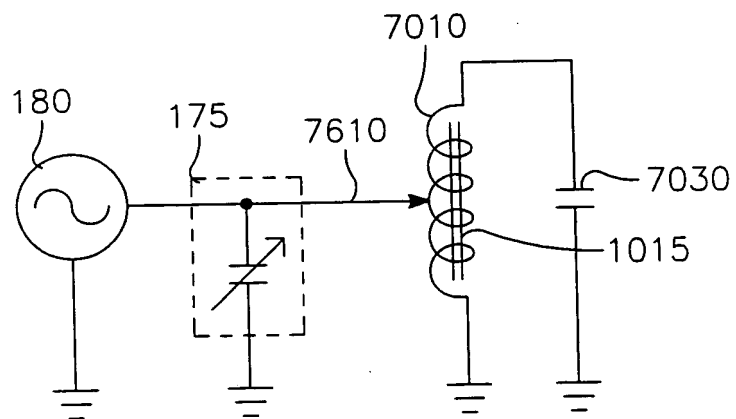


FIG. 76

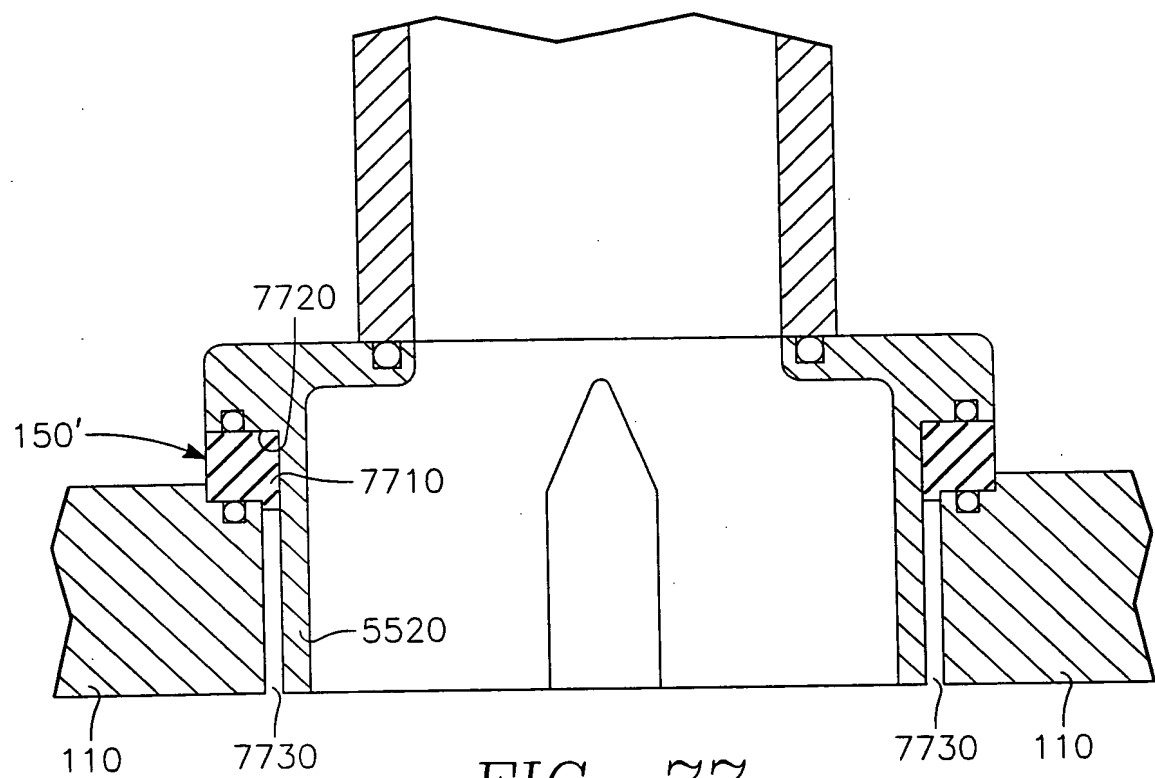


FIG. 77

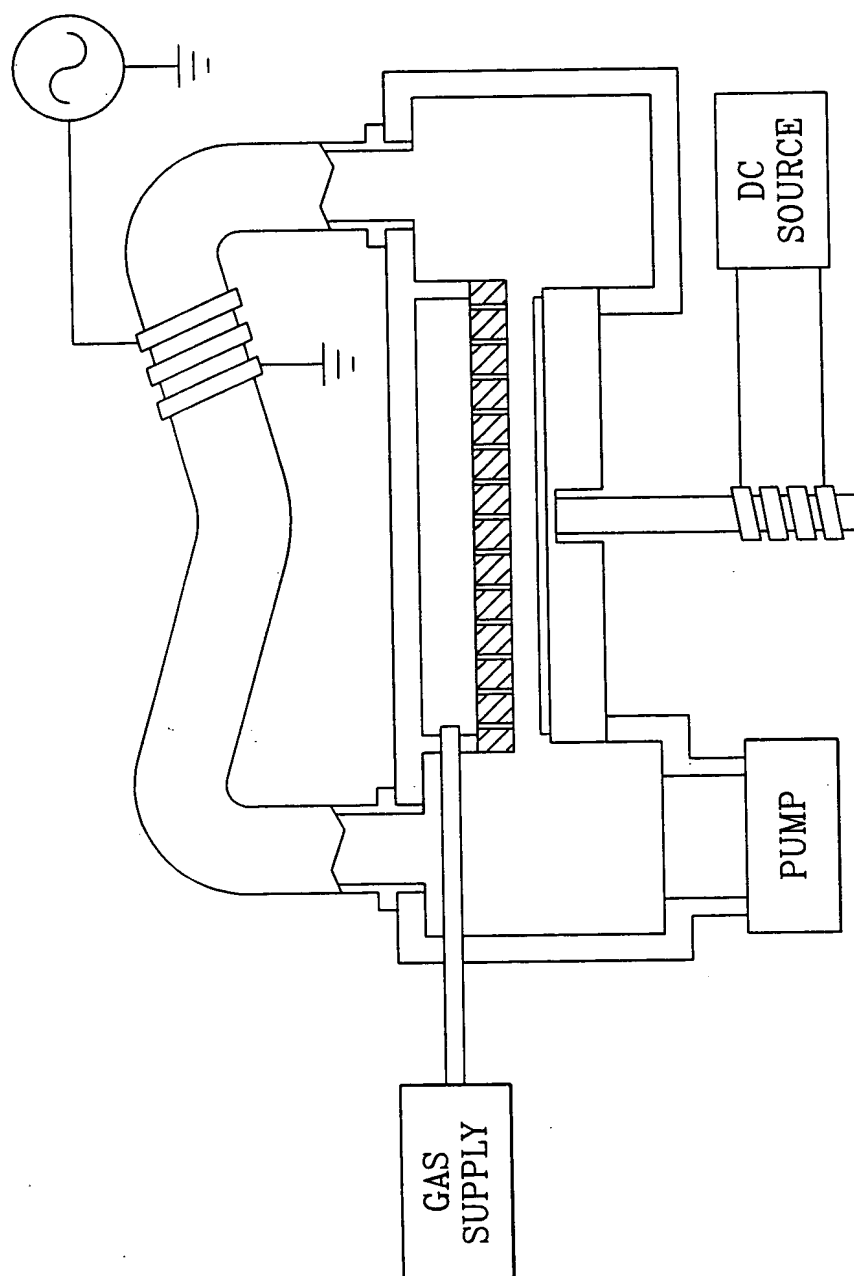


FIG. 78

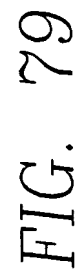


FIG. 79.

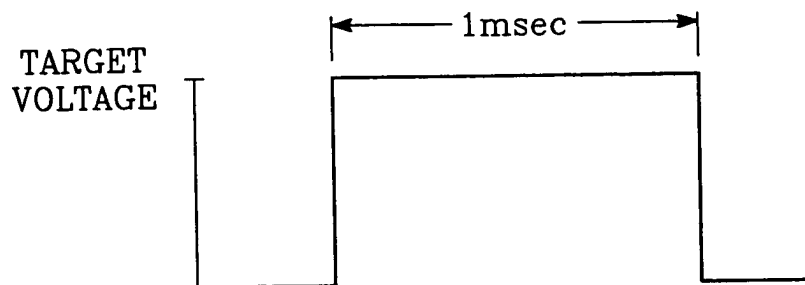


FIG. 80A

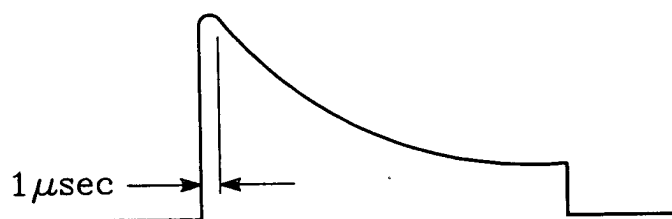


FIG. 80B

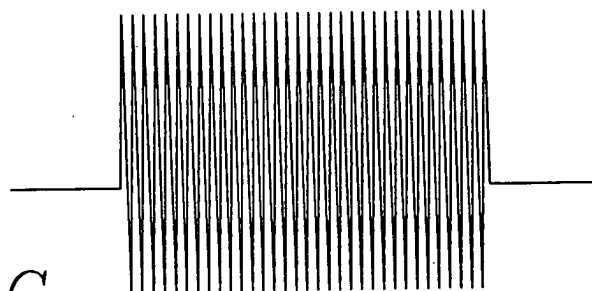
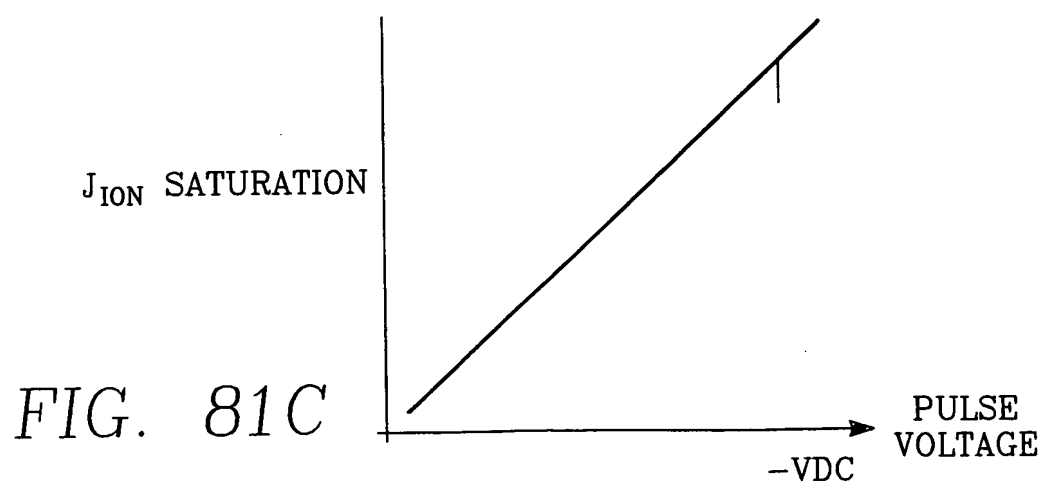
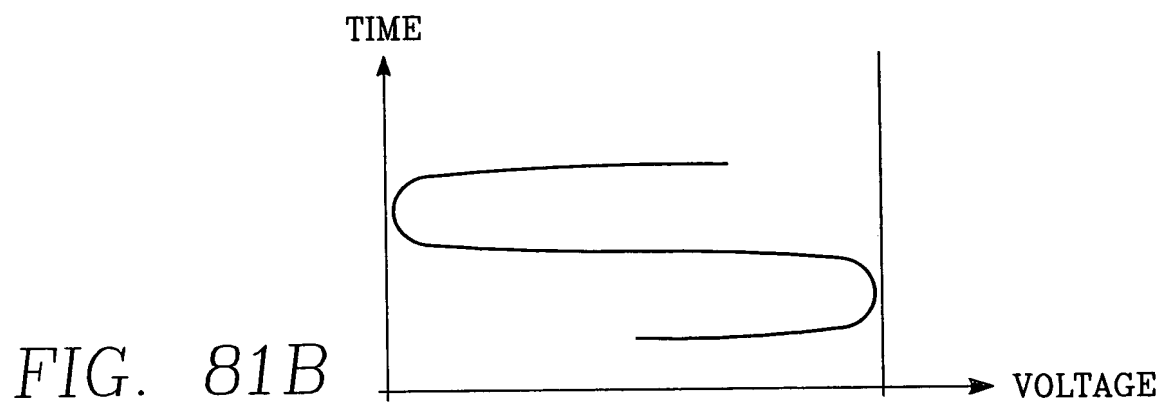
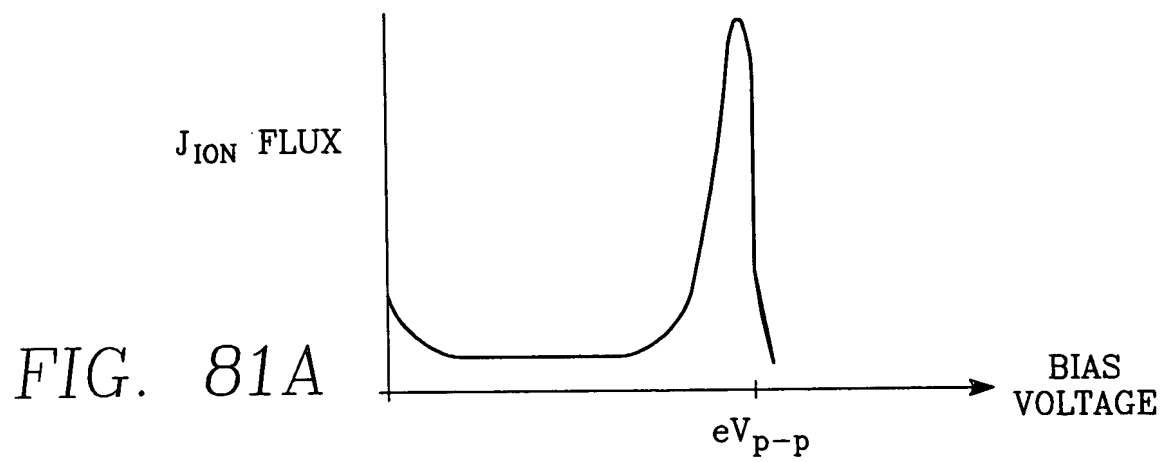


FIG. 80C

63/85



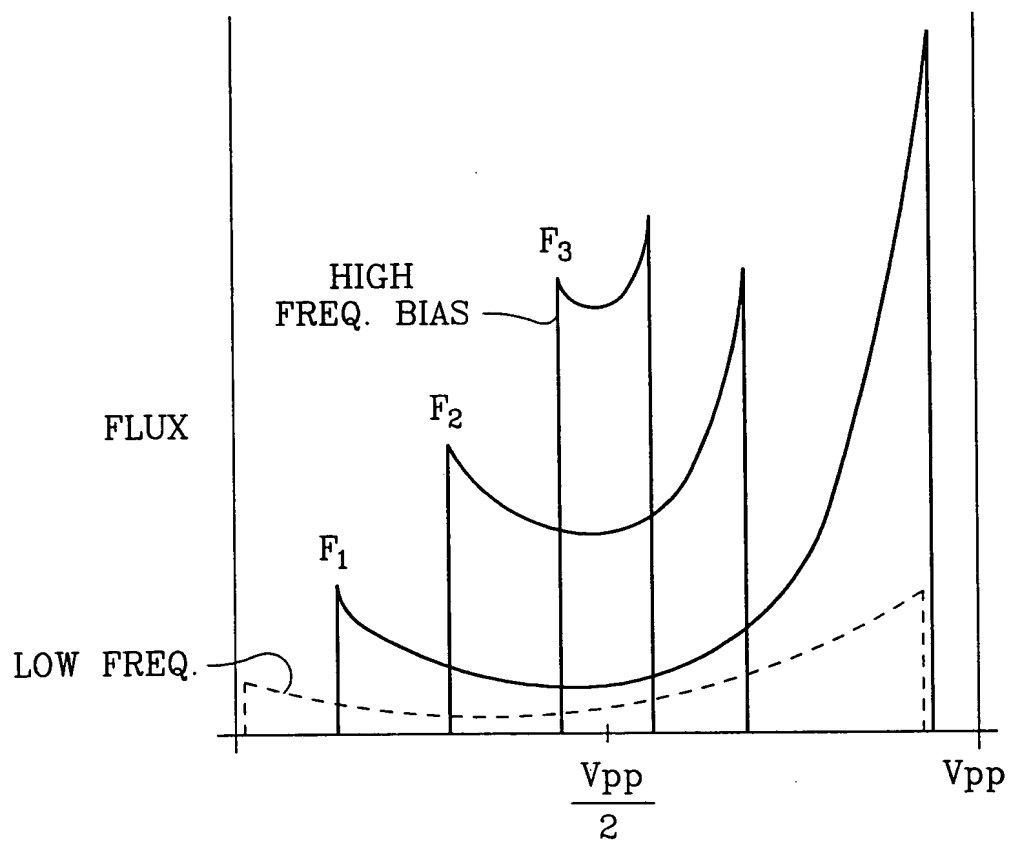


FIG. 81D

FIG. 82A  PUSH PULL


FIG. 82B  PUSH PULL


FIG. 82C  IN SYNC


FIG. 82D  IN SYNC

FIG. 82E  SYMMETRIC


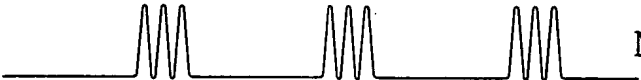
FIG. 82F  SYMMETRIC

FIG. 82G  NON-SYMMETRIC

FIG. 82H  NON-SYMMETRIC

66/85

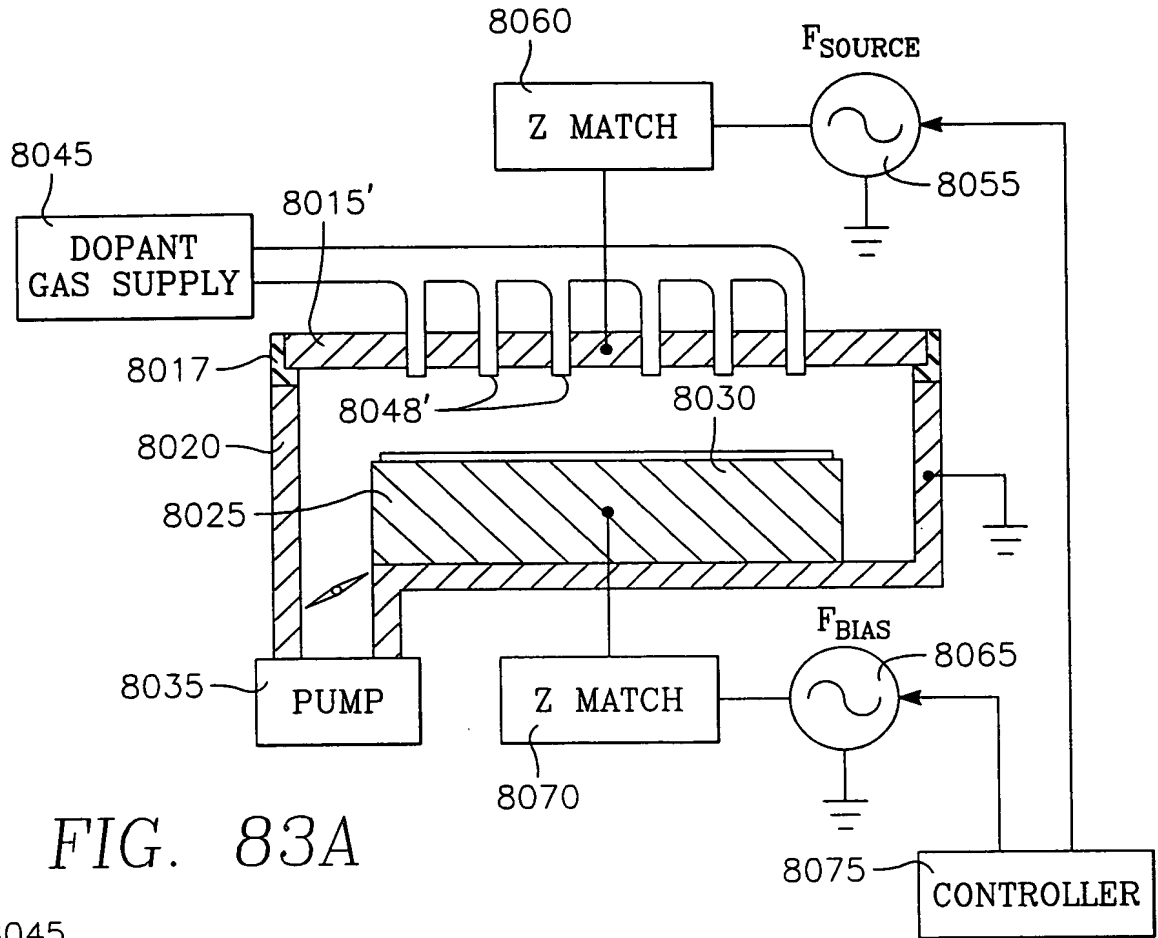


FIG. 83A

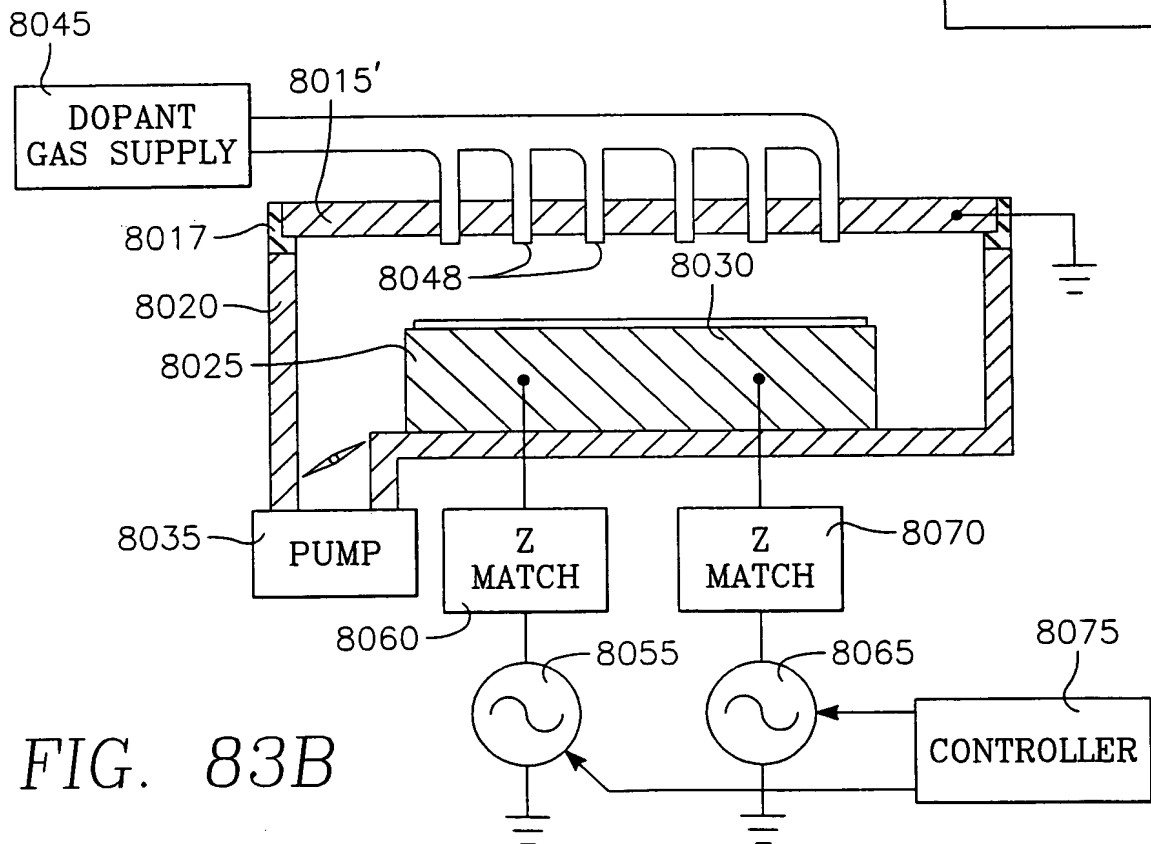


FIG. 83B

69/85

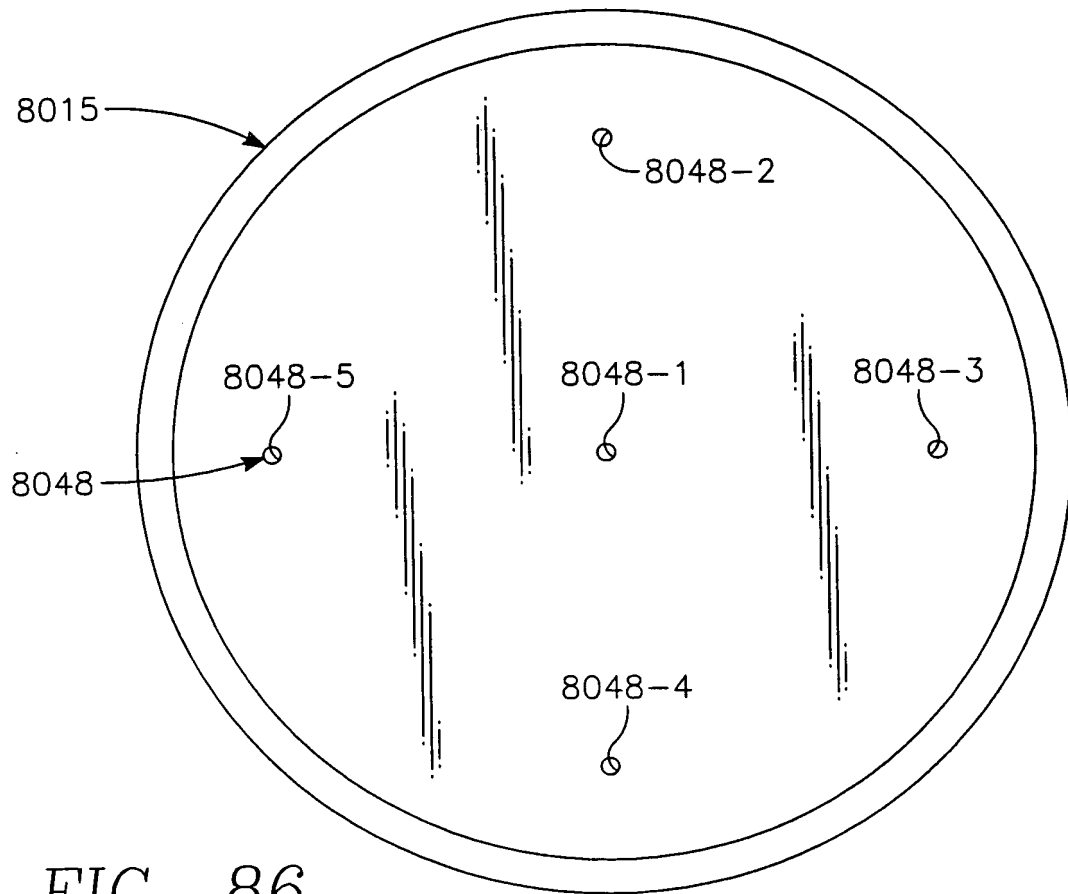


FIG. 86

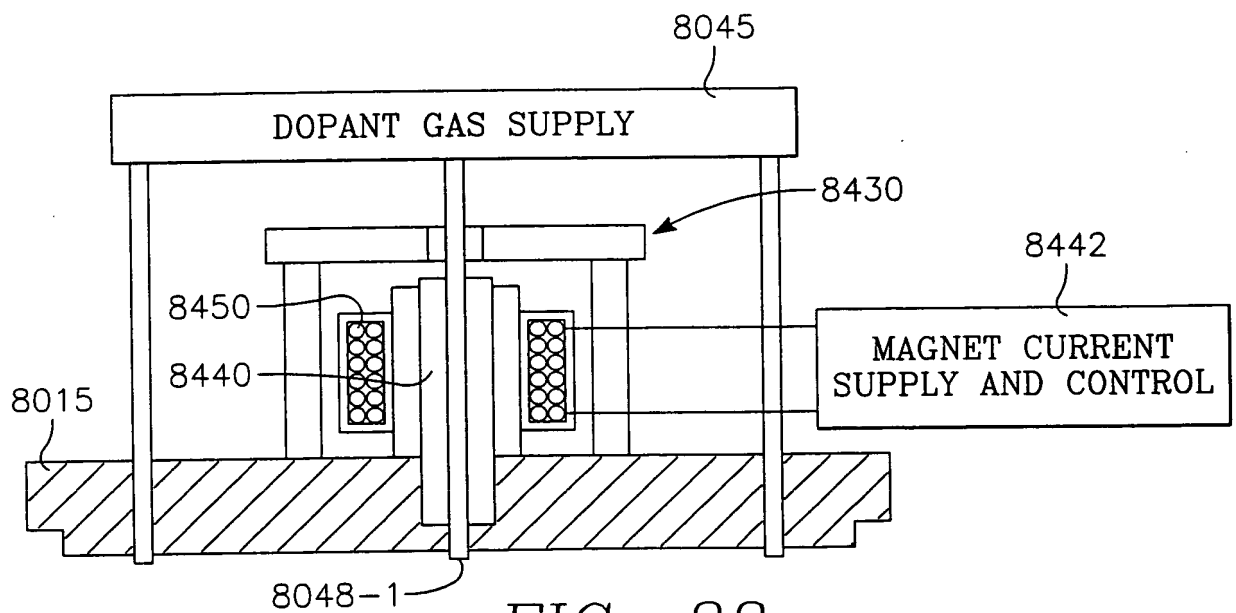


FIG. 88

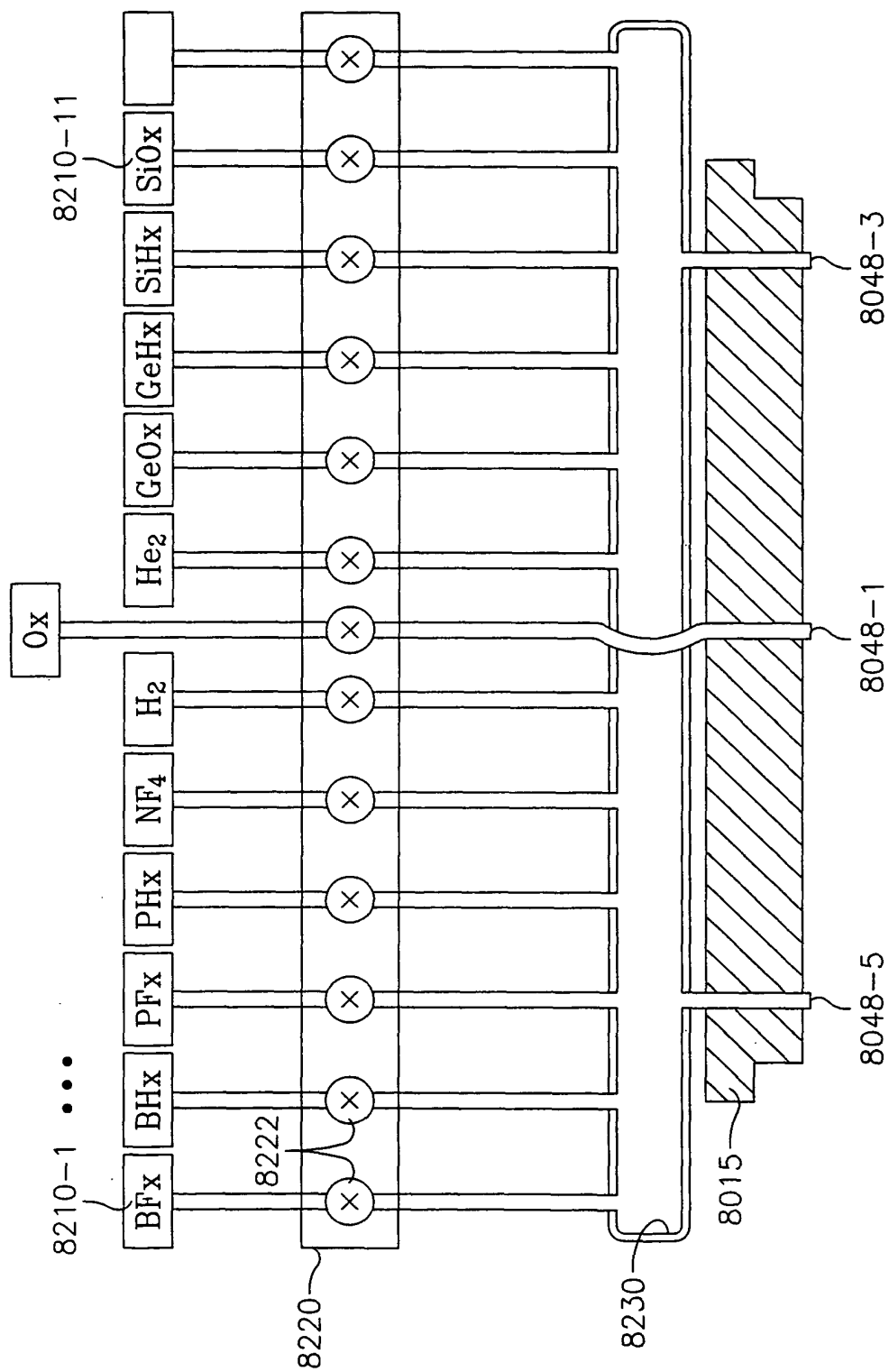
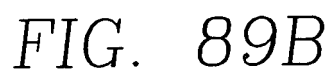


FIG. 87

FIG. 89A

FIG. 89A



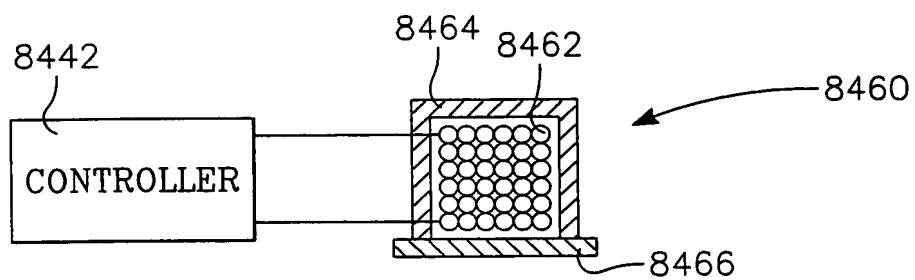


FIG. 90A

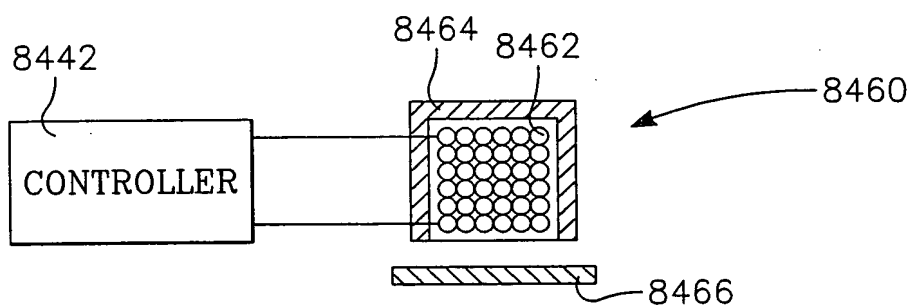


FIG. 90B

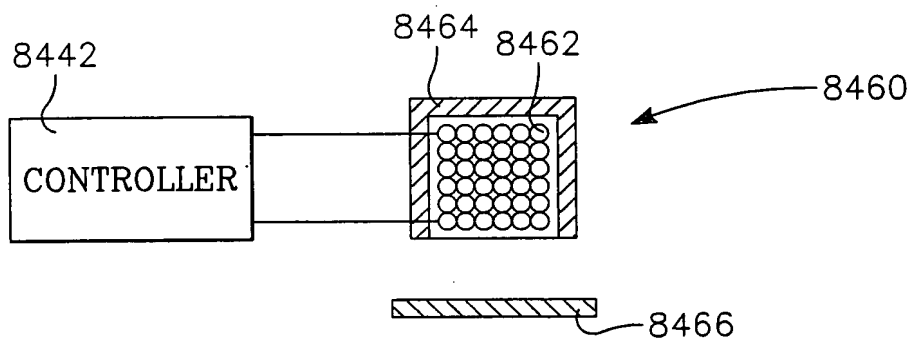


FIG. 90C

73/85

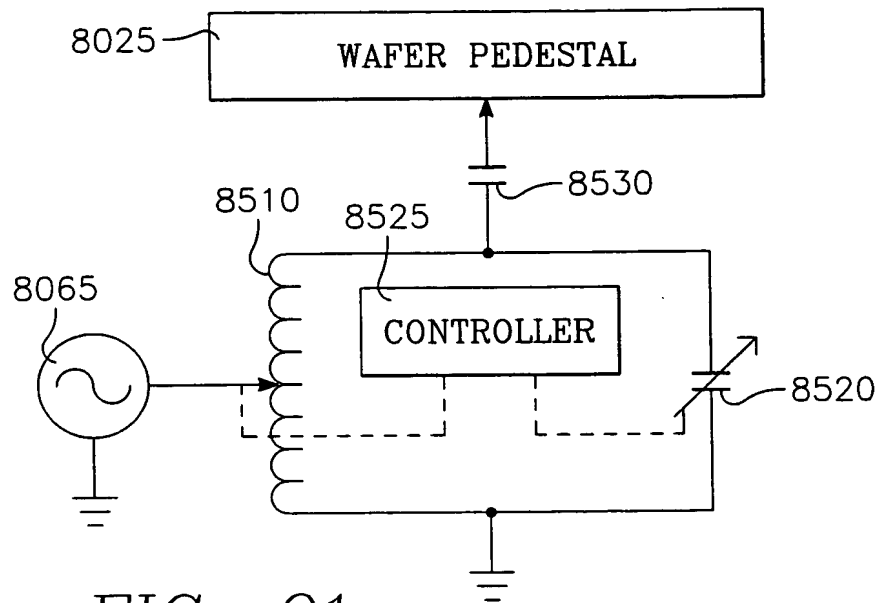


FIG. 91

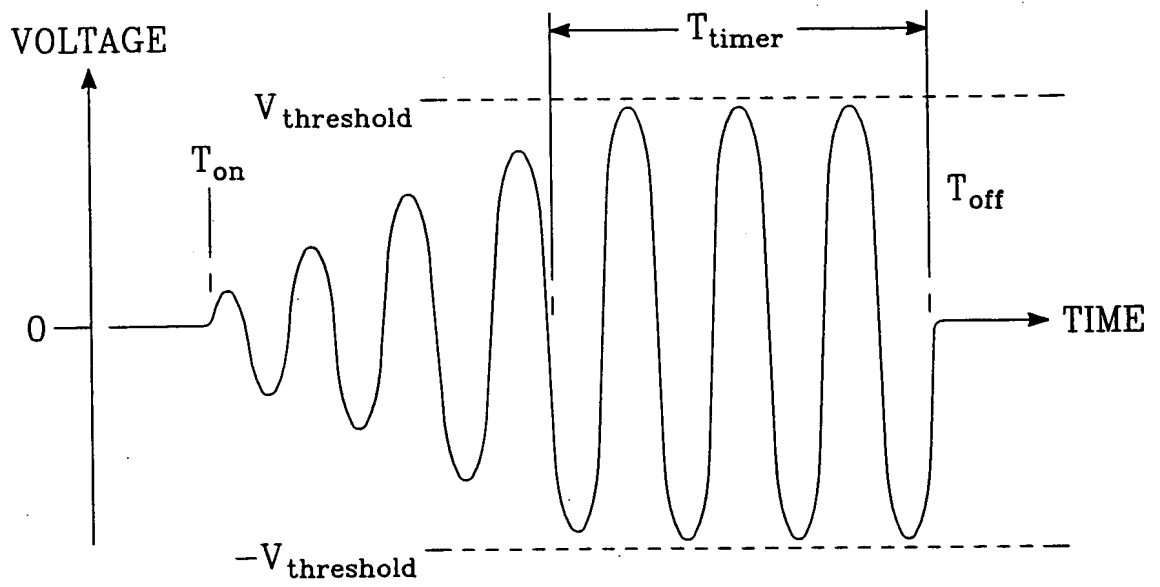


FIG. 92

74/85

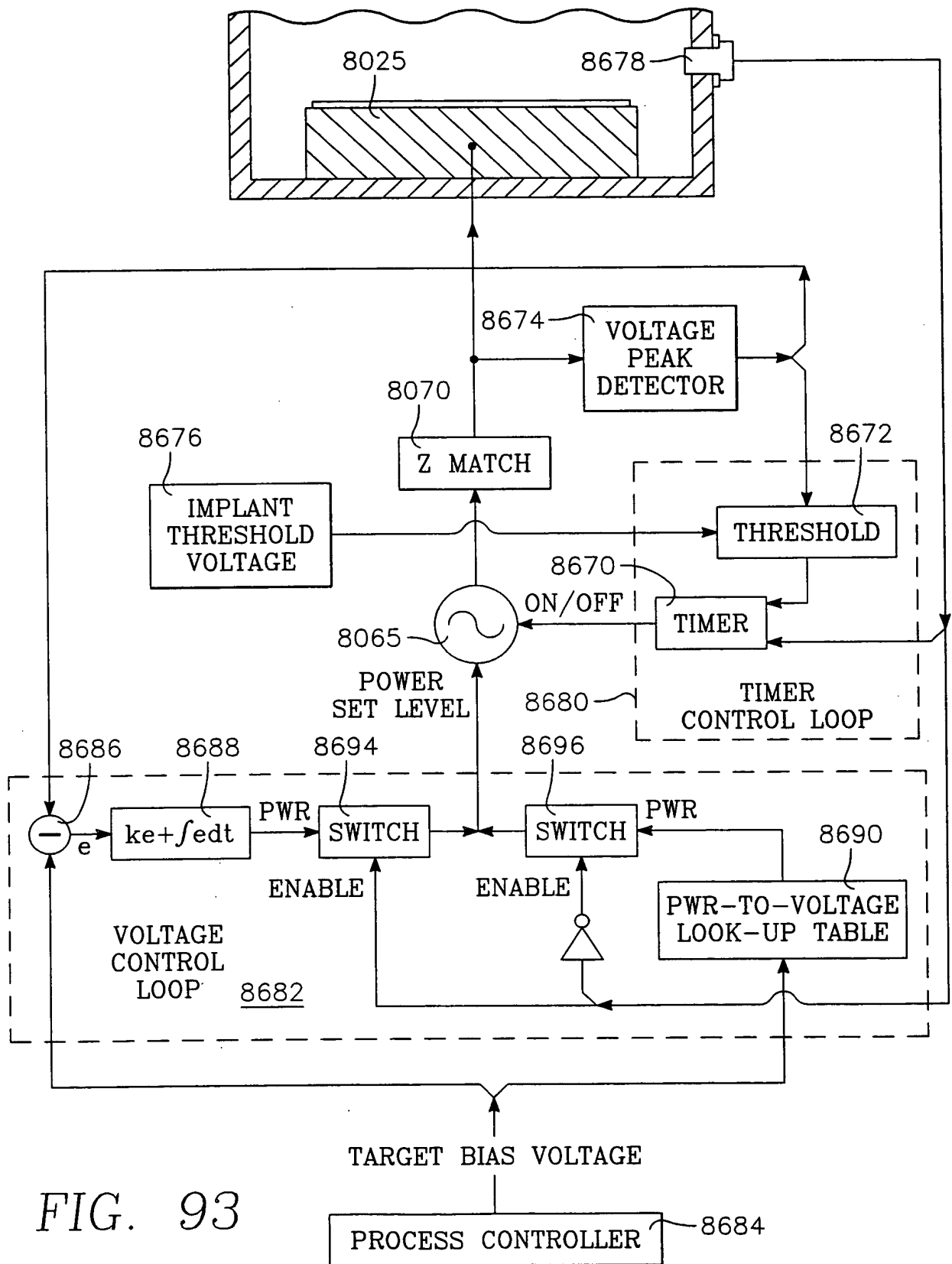
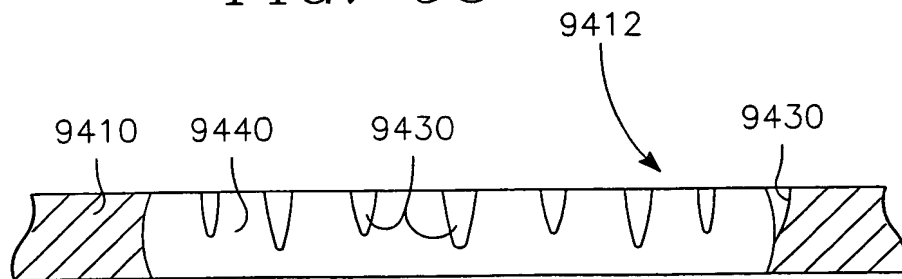
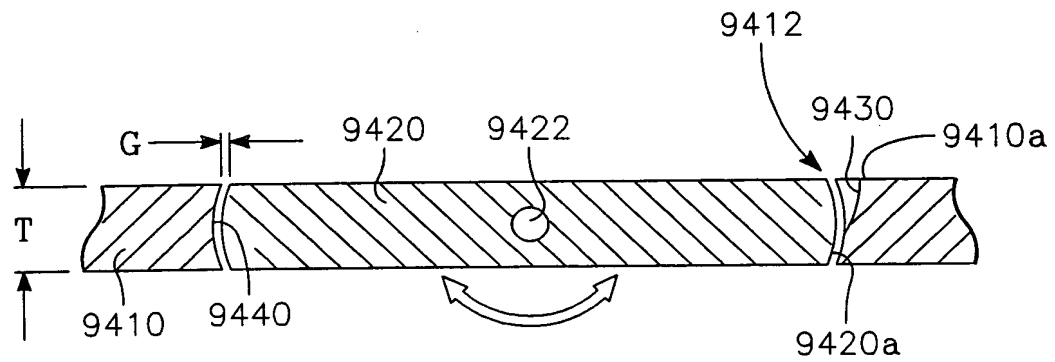
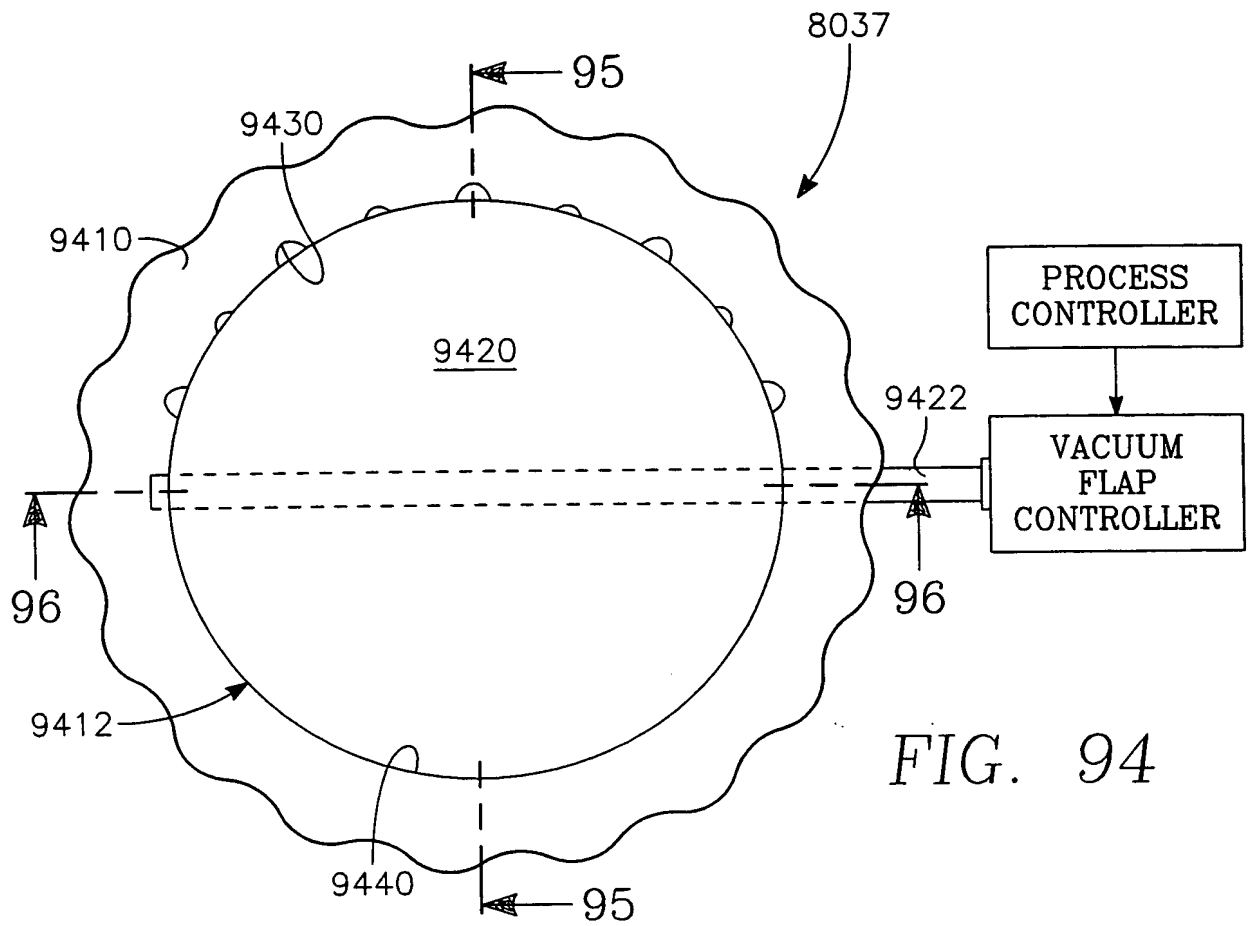


FIG. 93



76/85

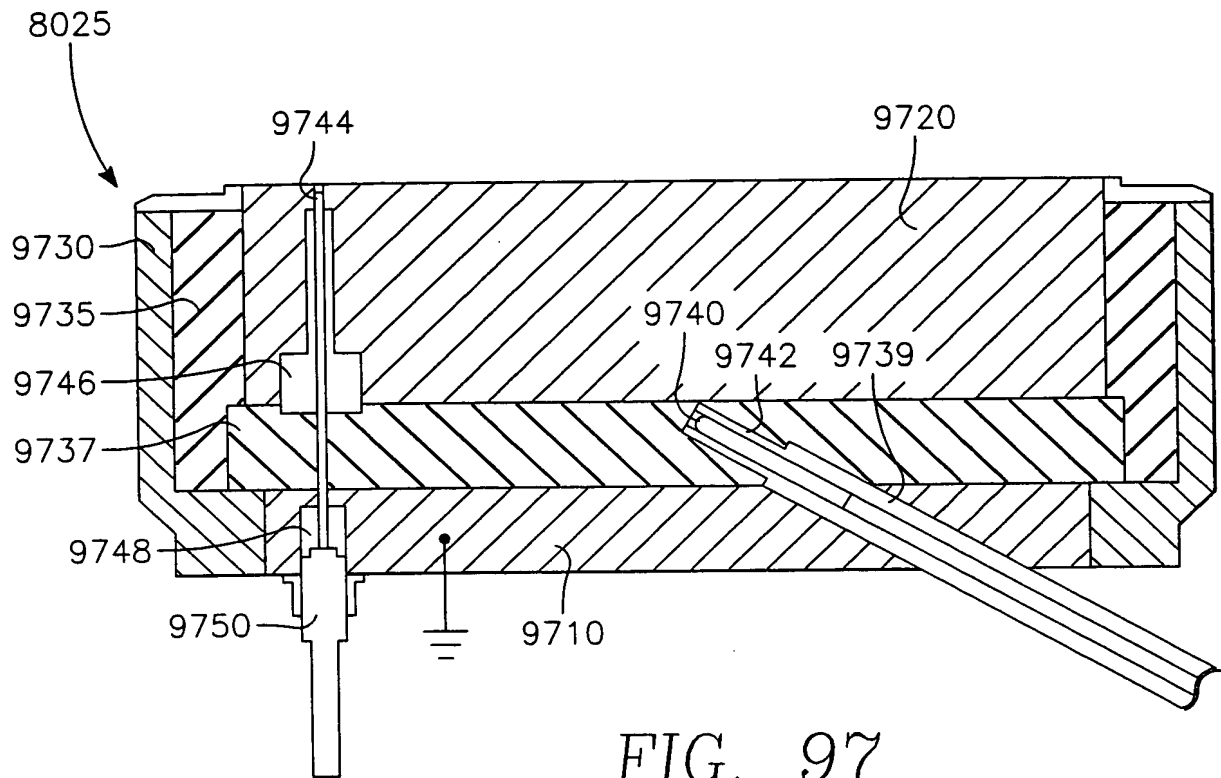


FIG. 97

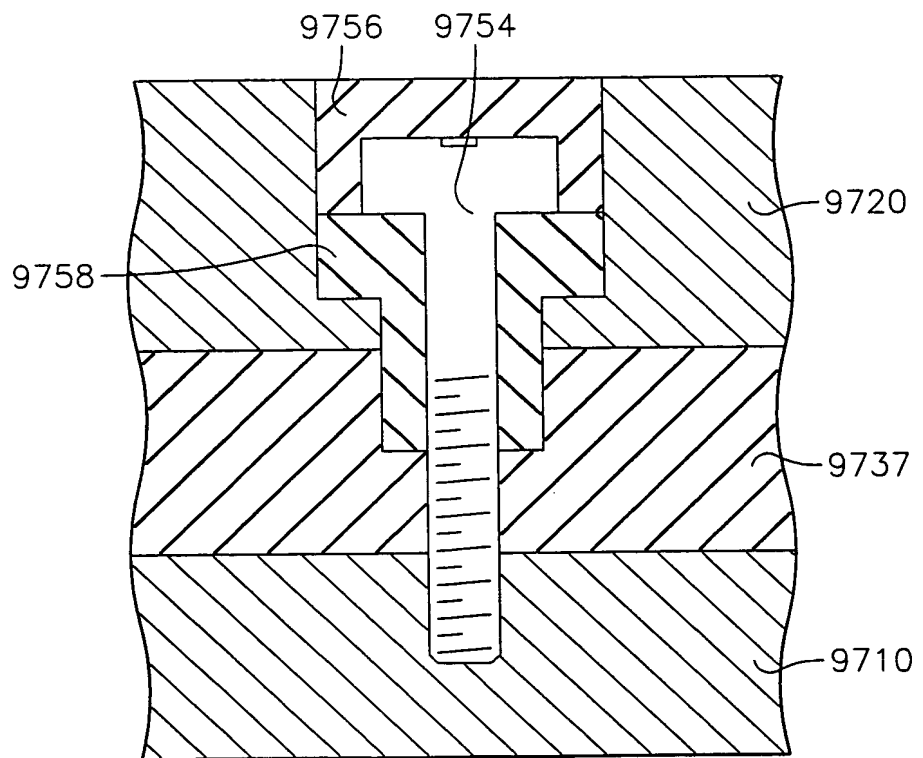


FIG. 98

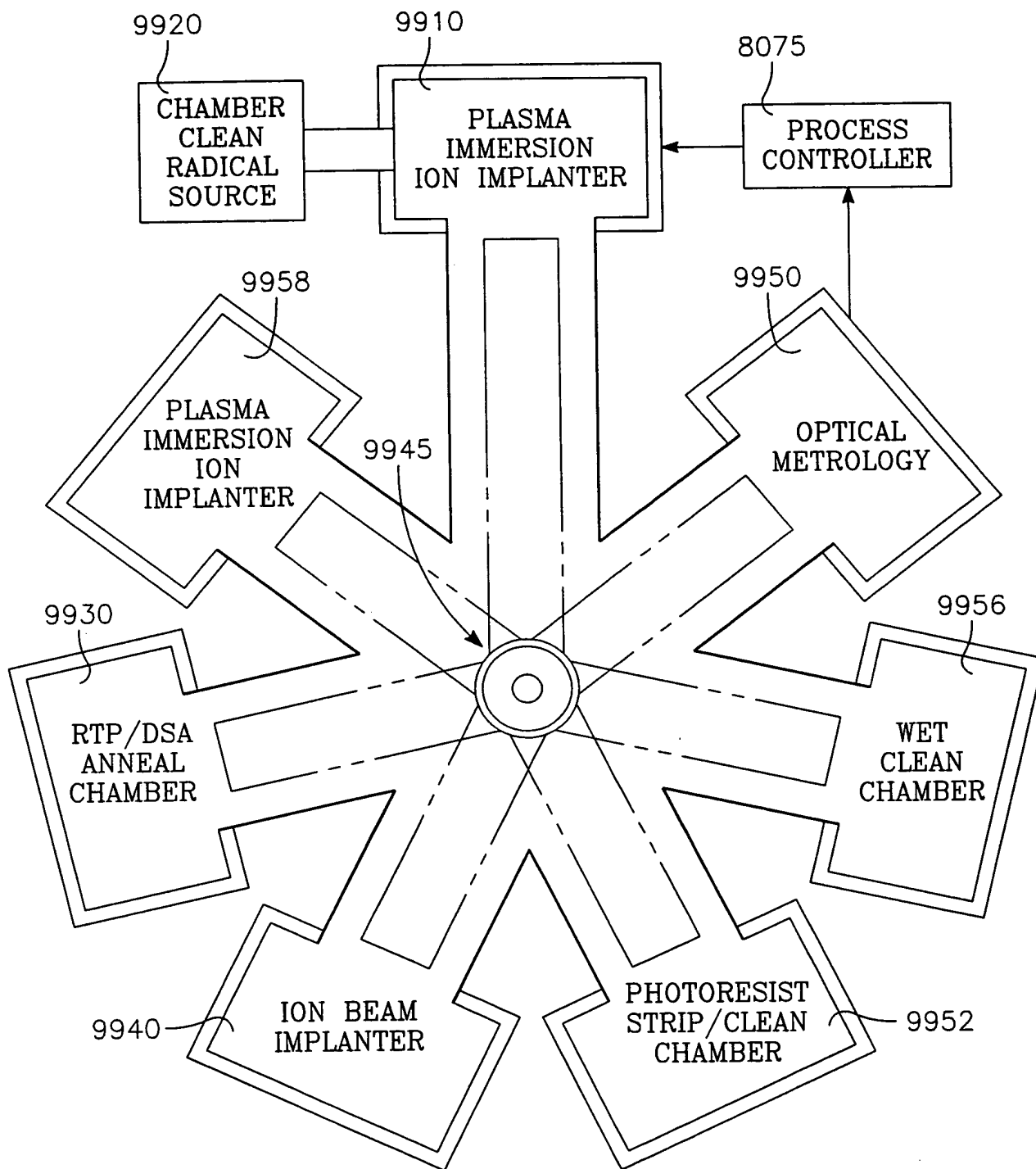


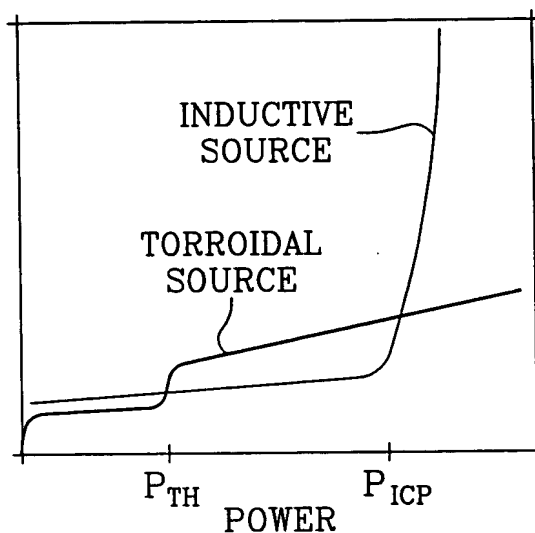
FIG. 99

78/85

ELECTRON
DENSITY

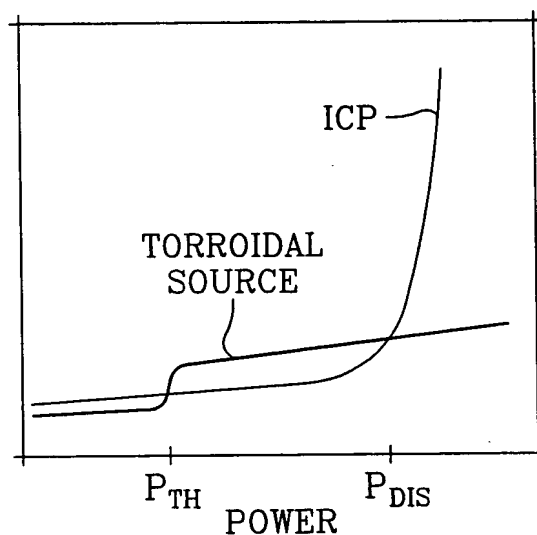
η_e

FIG. 100



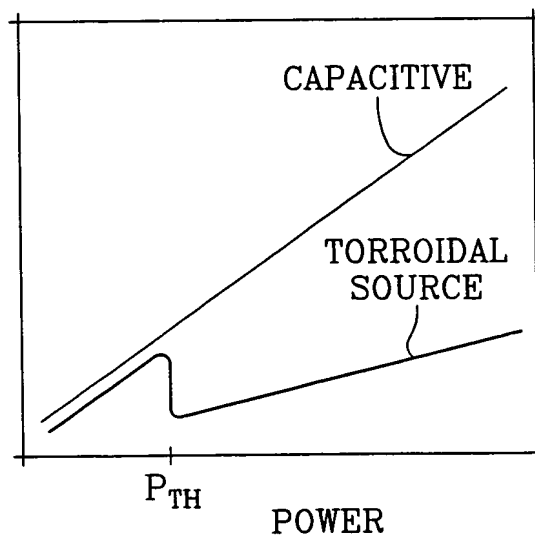
FREE
FLUORINE
DENSITY

FIG. 101



PLASMA
POTENTIAL $|V_p|$

FIG. 102



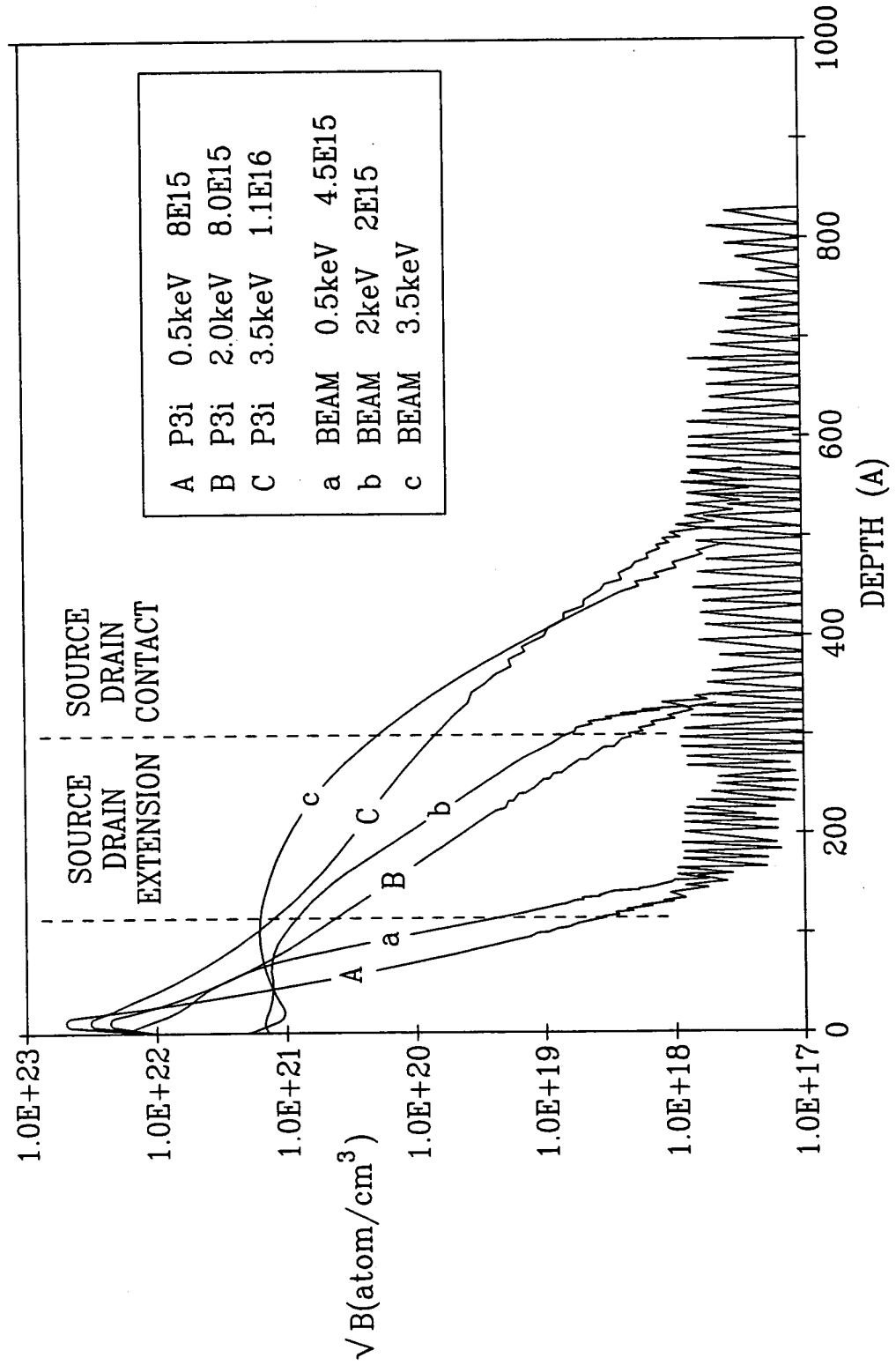


FIG. 103

80/85

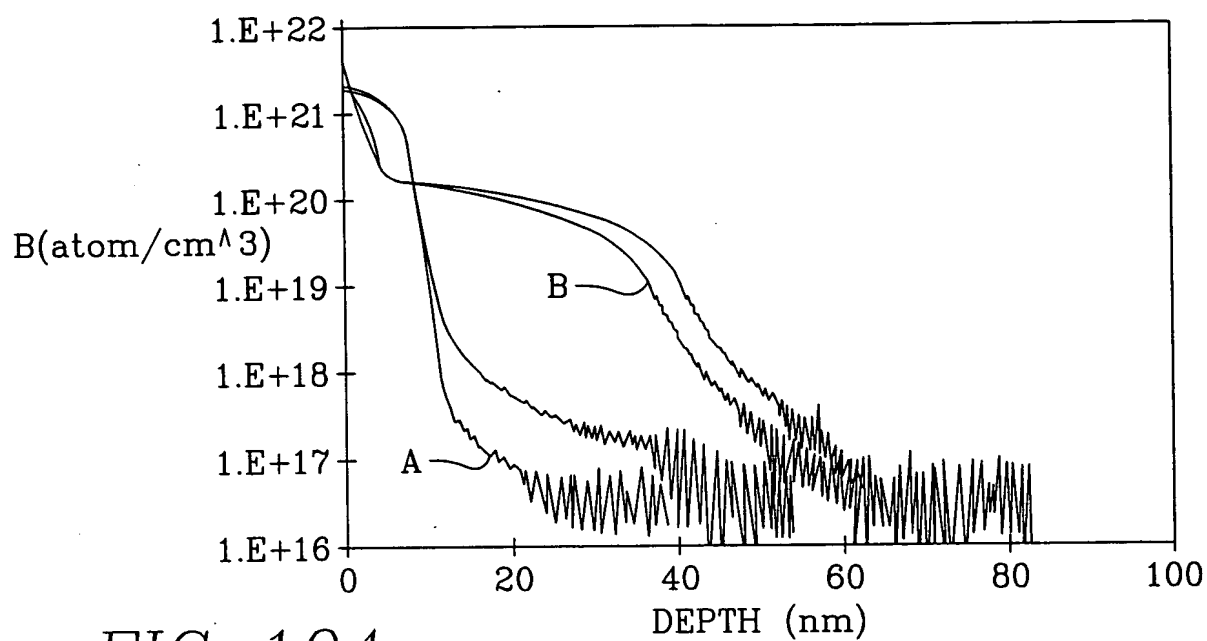


FIG 104

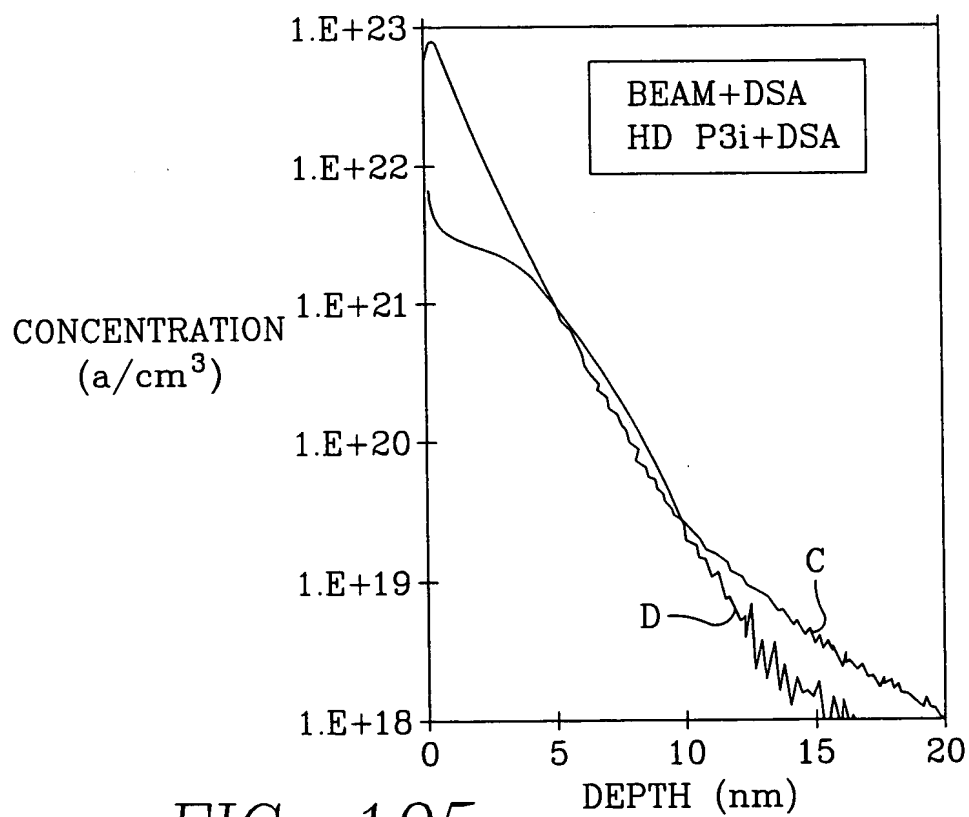


FIG. 105

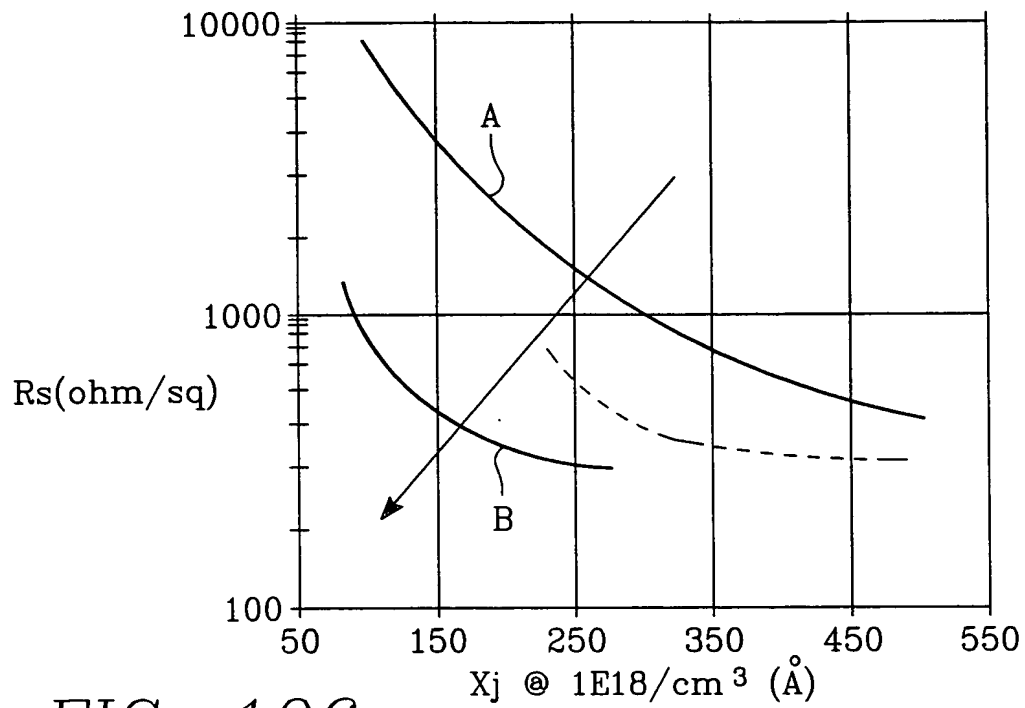


FIG. 106

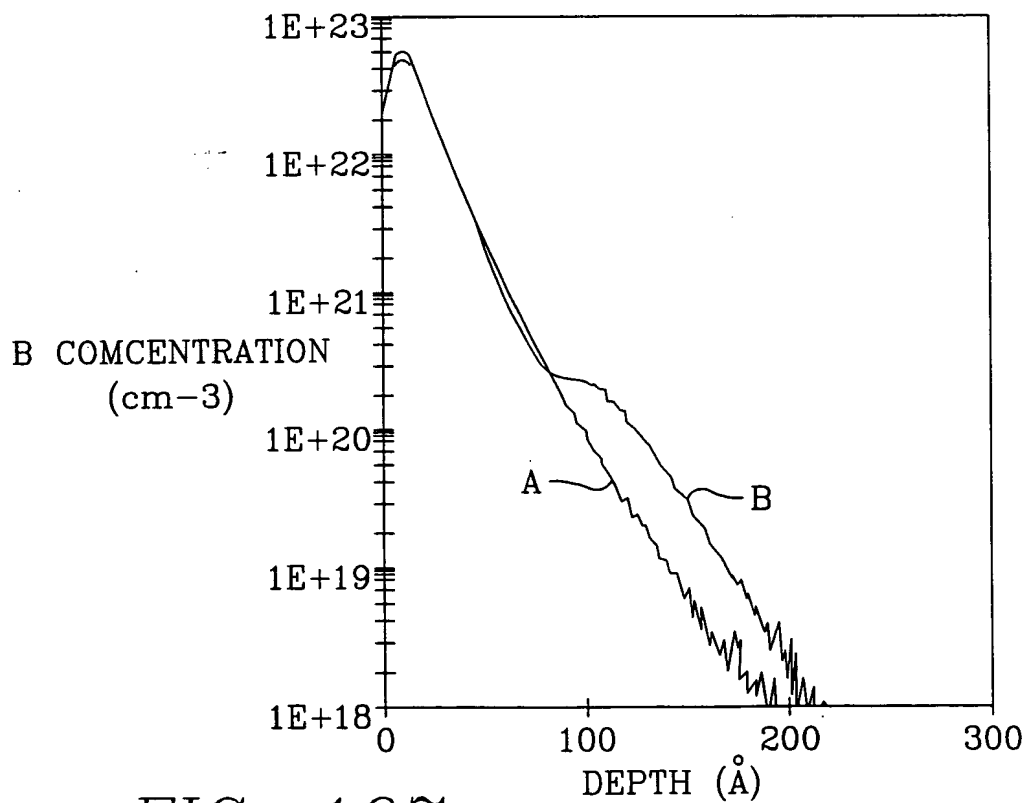


FIG. 107

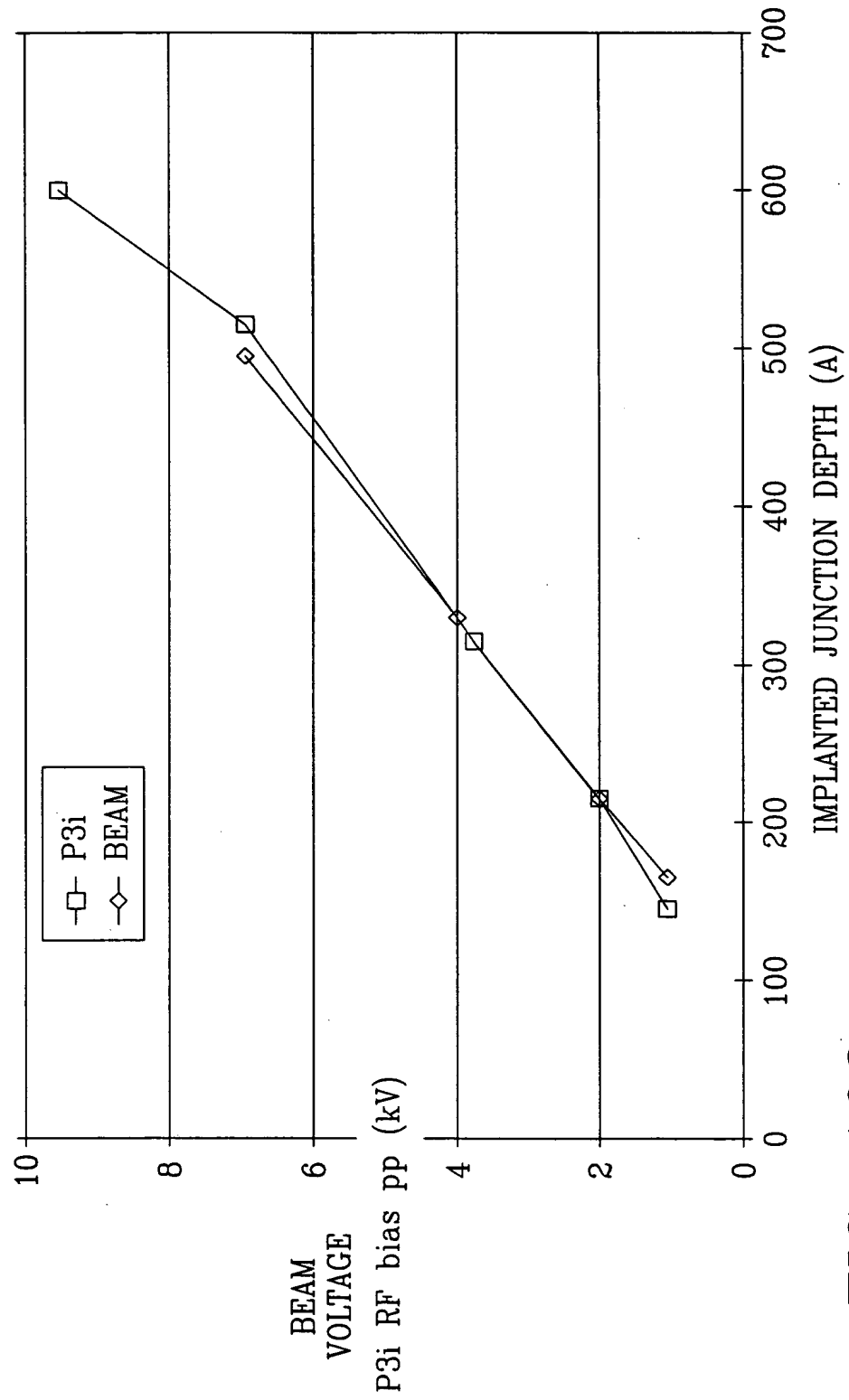


FIG. 108

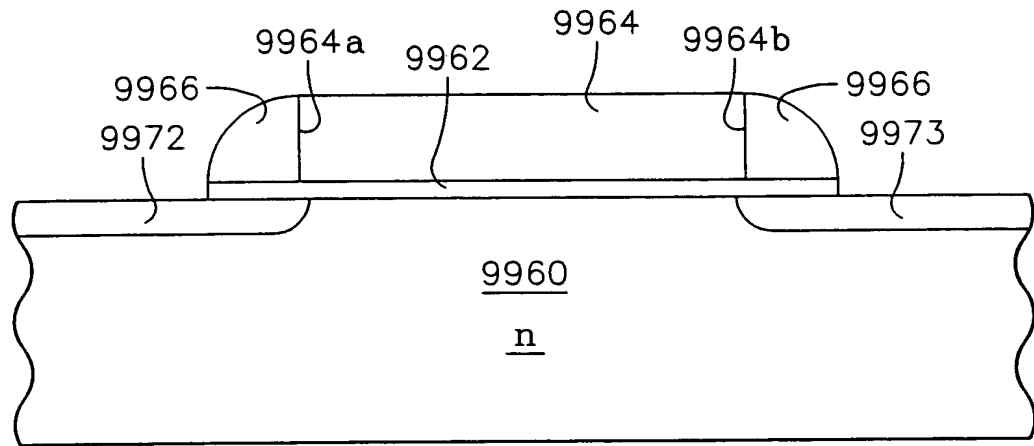


FIG. 109

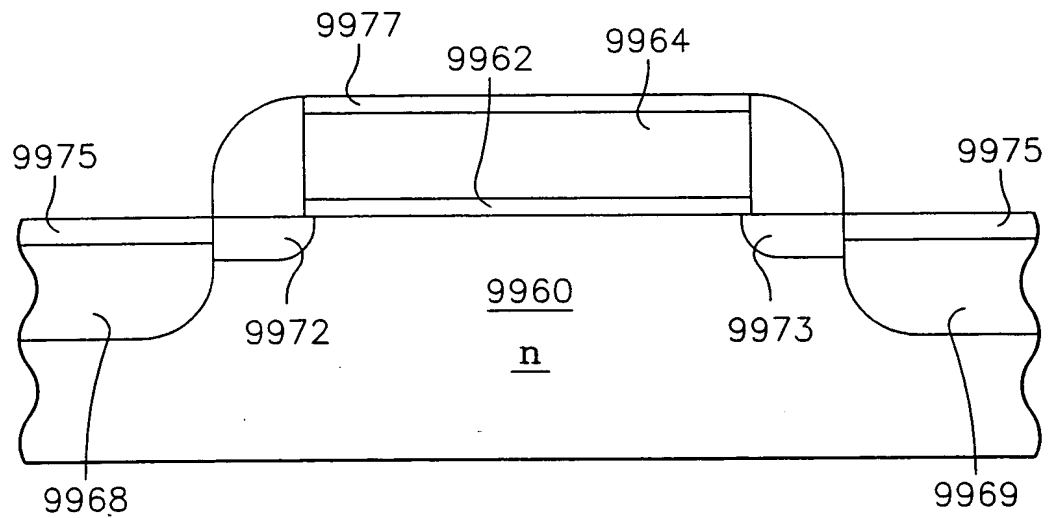


FIG. 110

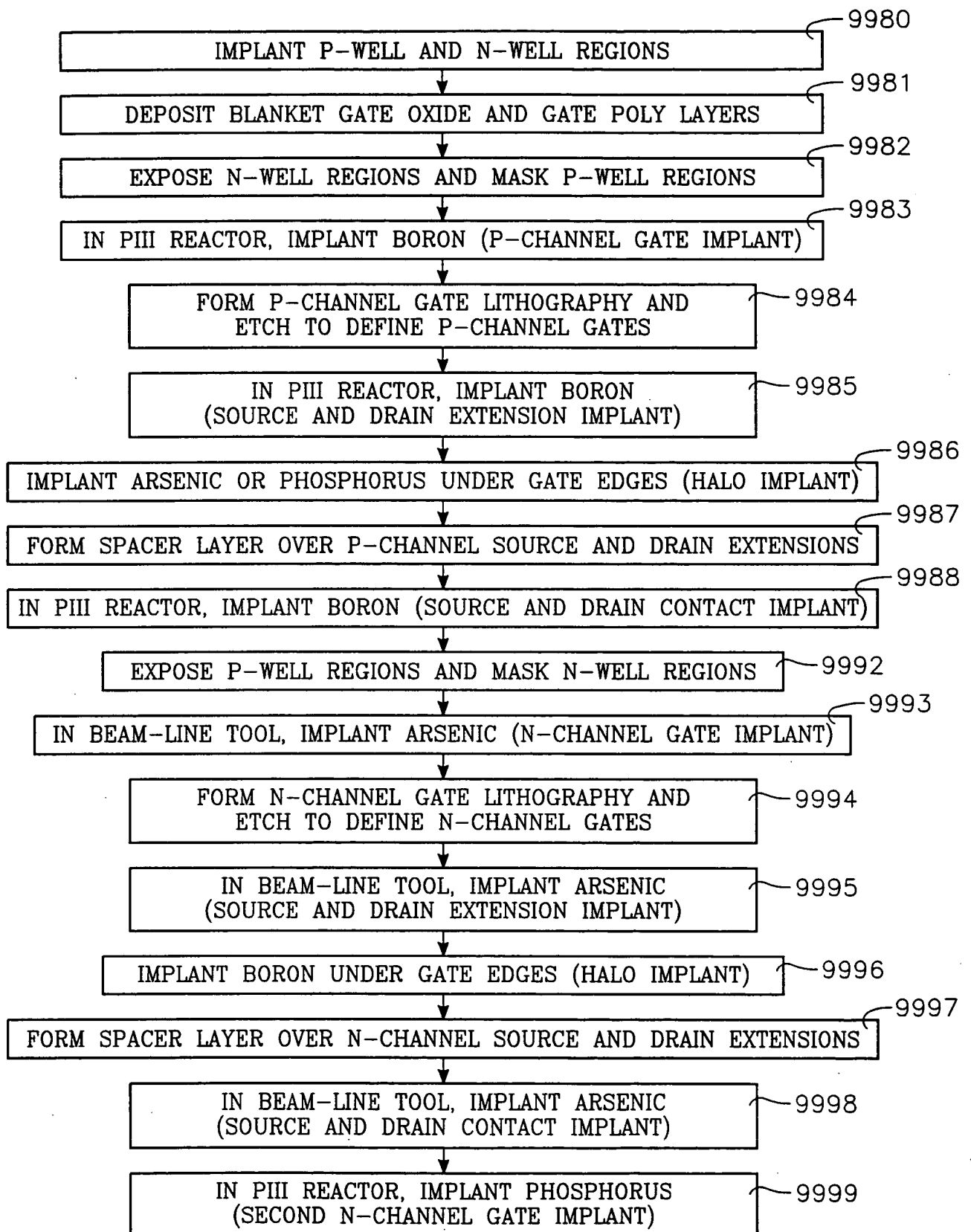


FIG. 111

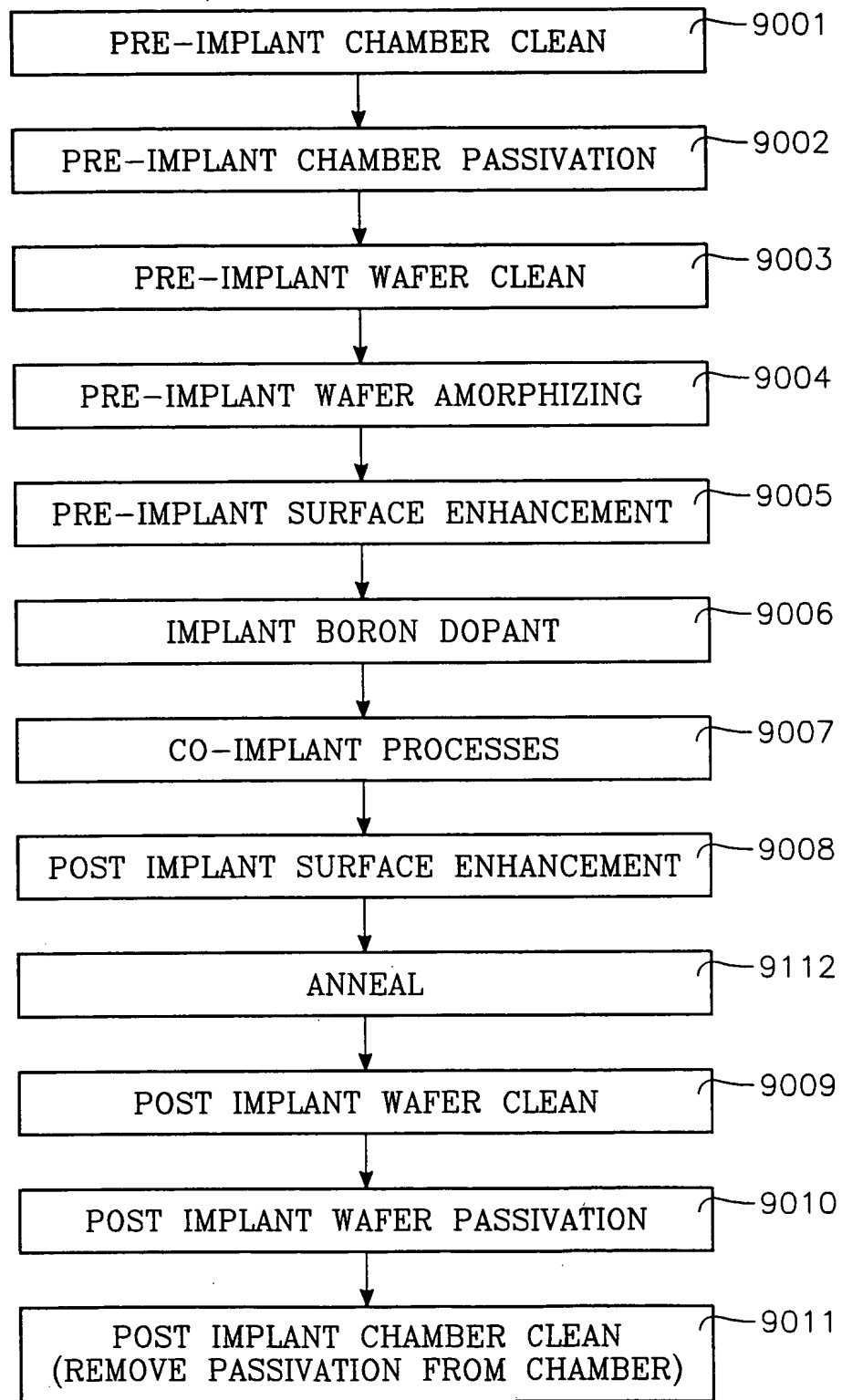


FIG. 112